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**COMMERCE**  
PUBLICATION



# Metropolitan Housing Characteristics

**SAGINAW, MICH.**  
**STANDARD METROPOLITAN STATISTICAL AREA**

HC(2)-185

**1970  
CENSUS OF  
HOUSING**

**U.S. DEPARTMENT  
OF COMMERCE**  
Social and Economic  
Statistics Administration  
**BUREAU OF  
THE CENSUS**

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# 1970 CENSUS OF HOUSING

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STANDARD METROPOLITAN  
STATISTICAL AREA**

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This guide lists all subjects covered in this report. An asterisk (\*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>										
Year moved into unit .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy .....	—	—	—	9 <sup>1</sup>	9	9	—	—	—	9
<b>UTILIZATION CHARACTERISTICS</b>										
Number of rooms .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons) .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms .....	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room .....	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
<b>PLUMBING CHARACTERISTICS</b>										
Plumbing facilities .....	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room .....	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms .....	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
<b>STRUCTURAL CHARACTERISTICS</b>										
Units in structure .....	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure .....	—	2, 12*	—	—	—	—	—	—	—	—
<b>EQUIPMENT AND APPLIANCES</b>										
Heating equipment .....	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available .....	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home .....	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine .....	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer .....	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher .....	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer .....	—	—	3, 13*	—	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>										
Value .....	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio .....	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent .....	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income .....	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent as percentage of income by income .....	—	2	—	—	—	—	—	—	—	—
Sales price asked .....	—	—	—	10 <sup>1</sup>	—	—	—	—	9	—
Rent asked .....	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
Inclusion of utilities in rent .....	—	—	—	—	—	—	—	—	—	10
<b>HOUSEHOLD CHARACTERISTICS</b>										
Household composition by age of head .....	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969 .....	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

<sup>1</sup>Vacant units tabulated by plumbing facilities only.

INTRODUCTION

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B. Definitions and Explanations of Subject Characteristics . . . App-2  
C. Accuracy of the Data . . . . . App-14  
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GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

**Organization of the text.**—The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

**Content of the tables.**—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

**Sample size.**—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

**Derived figures (medians, etc.).**—Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal parts—one-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000—." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the

terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

**Symbols.**—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

**Boundaries.**—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

#### DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the

population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

#### PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing

and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

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### METROPOLITAN HOUSING CHARACTERISTICS

# Saginaw, Mich.

## STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 185.]

page

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#### MAP

Counties, Standard Metropolitan  
Statistical Areas, and Selected Places X

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[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

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		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
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Saginaw .....	B	18 to 26	—	—

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**x**

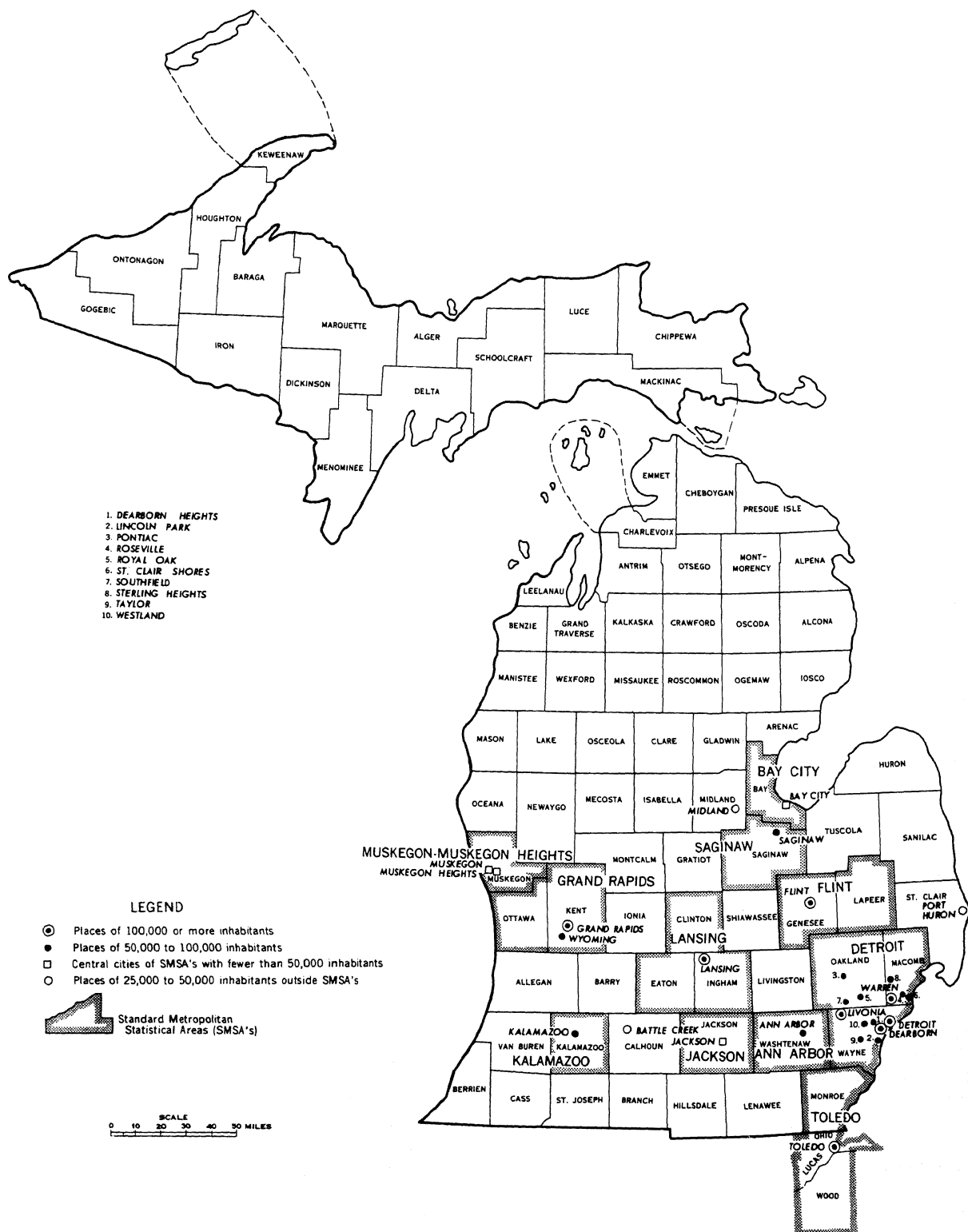


Table A-1. Value of Owner Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>41 204</b>	<b>995</b>	<b>2 429</b>	<b>3 990</b>	<b>5 711</b>	<b>5 001</b>	<b>9 067</b>	<b>6 168</b>	<b>5 375</b>	<b>1 788</b>	<b>680</b>	<b>16 300</b>
<b>ROOMS</b>												
1 and 2 rooms	102	32	10	10	13	28	5	4	—	—	—	9 800
3 rooms	382	53	105	55	48	53	43	6	14	5	—	9 000
4 rooms	4 298	233	592	753	910	622	838	232	88	19	11	11 600
5 rooms	13 818	296	715	1 377	1 827	1 665	3 672	2 586	1 505	161	14	16 400
6 rooms	11 984	198	551	912	1 628	1 476	2 686	2 077	1 914	448	94	17 200
7 rooms	6 265	101	334	537	797	724	1 162	848	1 166	474	122	17 600
8 rooms or more	4 355	82	122	346	488	433	661	415	688	681	439	20 500
Median	5.7	5.1	5.2	5.4	5.5	5.6	5.5	5.6	6.1	7.1	7.5+	...
<b>PERSONS</b>												
1 person	4 027	244	604	747	698	526	575	283	195	115	40	11 500
2 persons	10 502	285	670	1 127	1 749	1 348	2 135	1 478	1 190	368	152	15 200
3 persons	6 540	136	321	546	959	737	1 513	1 023	853	322	130	16 600
4 persons	7 539	91	256	454	812	918	1 947	1 279	1 248	404	130	18 200
5 persons	5 614	56	157	342	604	616	1 369	1 151	877	310	132	18 800
6 persons or more	6 982	183	421	774	889	856	1 528	954	1 012	269	96	16 100
Median	3.4	2.4	2.4	2.7	2.9	3.4	3.7	3.7	3.9	3.7	3.6	...
Units with roomers, boarders, or lodgers	656	23	56	84	130	127	120	53	25	22	16	13 200
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>40 523</b>	<b>782</b>	<b>2 245</b>	<b>3 888</b>	<b>5 622</b>	<b>4 977</b>	<b>9 025</b>	<b>6 152</b>	<b>5 364</b>	<b>1 788</b>	<b>680</b>	<b>16 400</b>
0.50 or less	18 437	424	1 304	2 022	3 013	2 234	3 020	2 369	2 091	973	487	15 300
0.51 to 1.00	18 574	260	662	1 415	2 075	2 282	4 669	3 288	2 946	784	193	17 800
1.01 to 1.50	2 890	69	218	360	421	356	681	462	292	31	—	15 100
1.51 or more	622	29	61	91	113	105	155	33	35	—	—	12 900
<b>Lacking some or all plumbing facilities</b>	<b>681</b>	<b>213</b>	<b>184</b>	<b>102</b>	<b>89</b>	<b>24</b>	<b>42</b>	<b>16</b>	<b>11</b>	<b>—</b>	<b>—</b>	<b>6 700</b>
0.50 or less	382	101	107	51	54	24	24	16	5	—	—	7 100
0.51 to 1.00	190	85	41	26	18	—	14	—	—	—	—	5 600
1.01 to 1.50	78	11	32	20	11	—	4	—	—	—	—	...
1.51 or more	31	16	4	5	6	—	—	—	—	—	—	...
<b>BEDROOMS</b>												
None and 1	728	40	227	168	100	43	63	39	—	48	—	8 900
2	10 282	304	1 246	1 802	1 927	1 598	1 862	780	512	209	42	12 300
3	22 612	410	828	1 417	2 587	2 435	5 570	4 288	3 826	965	286	18 300
4 or more	7 230	103	282	458	1 262	962	1 361	613	1 205	585	399	16 600
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	964	4	17	5	—	37	225	171	293	165	47	25 800
1965 to 1968	4 355	50	16	53	148	169	810	962	1 376	577	194	24 800
1960 to 1964	5 102	16	50	106	182	350	1 349	1 257	1 328	338	126	22 000
1950 to 1959	10 200	90	281	469	976	1 167	2 765	2 306	1 578	407	161	18 900
1940 to 1949	5 029	101	368	557	848	771	1 141	705	347	121	70	14 600
1939 or earlier	15 554	734	1 697	2 800	3 557	2 507	2 777	767	453	180	82	11 800
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	35 492	757	2 053	3 774	5 337	4 644	8 349	5 648	4 100	749	81	15 700
2 and 2 1/2	4 247	12	31	80	172	248	669	582	1 138	911	404	27 900
3 or more	489	—	—	7	6	17	45	40	77	124	173	41 400
None or also used by another household	1 001	259	266	136	132	68	82	36	22	—	—	7 300
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>37 177</b>	<b>751</b>	<b>1 825</b>	<b>3 243</b>	<b>5 013</b>	<b>4 475</b>	<b>8 492</b>	<b>5 885</b>	<b>5 180</b>	<b>1 673</b>	<b>640</b>	<b>16 800</b>
Male head, wife present, no nonrelatives	33 174	570	1 481	2 683	4 259	4 000	7 650	5 477	4 920	1 552	582	17 200
Under 25 years	1 043	—	73	121	143	201	311	131	41	—	5	14 800
25 to 34 years	7 388	107	225	464	773	822	1 917	1 357	1 351	307	65	18 300
35 to 44 years	8 181	95	326	556	806	958	1 876	1 504	1 382	519	159	18 700
45 to 64 years	13 069	223	513	1 105	1 875	1 541	2 859	2 123	1 924	586	320	17 100
65 years and over	3 493	145	344	437	662	478	687	362	222	123	33	13 300
Other male head	1 034	60	74	131	156	119	206	129	101	47	11	14 500
Under 65 years	846	46	52	116	141	91	158	108	86	37	11	14 400
65 years and over	188	14	22	15	15	28	48	21	15	10	—	15 000
Female head	2 969	121	270	429	598	356	636	279	159	74	47	13 000
Under 65 years	2 170	96	192	318	410	243	511	190	130	43	37	13 200
65 years and over	799	25	78	111	188	113	125	89	29	31	10	12 500
<b>One-person households</b>	<b>4 027</b>	<b>244</b>	<b>604</b>	<b>747</b>	<b>698</b>	<b>526</b>	<b>575</b>	<b>283</b>	<b>195</b>	<b>115</b>	<b>40</b>	<b>11 500</b>
Under 65 years	1 724	55	231	310	301	224	313	131	88	51	20	12 200
65 years and over	2 303	189	373	437	397	302	262	152	107	64	20	11 000
<b>INCOME IN 1969</b>												
Less than \$2,000	2 916	289	581	538	432	437	306	150	97	69	17	10 300
\$2,000 to \$2,999	1 265	92	150	243	284	165	223	53	48	7	—	11 300
\$3,000 to \$3,999	1 385	68	132	199	298	194	299	115	44	25	11	12 500
\$4,000 to \$4,999	1 278	90	162	223	230	202	214	70	62	15	10	11 800
\$5,000 to \$5,999	1 305	36	103	169	302	173	267	158	82	14	5	13 100
\$6,000 to \$6,999	1 449	48	188	180	286	205	287	158	77	10	10	12 800
\$7,000 to \$9,999	7 767	143	481	919	1 346	1 117	2 014	1 030	568	116	33	14 700
\$10,000 to \$14,999	13 423	142	474	1 037	1 756	1 738	3 367	2 471	1 956	396	86	17 300
\$15,000 to \$24,999	8 533	76	149	429	691	715	1 876	1 743	2 006	692	156	20 900
\$25,000 or more	1 883	11	9	53	86	55	214	224	435	444	352	31 700
Median	\$11 200	\$4 500	\$6 500	\$8 400	\$9 300	\$10 000	\$11 400	\$12 700	\$14 400	\$18 500	\$26 500	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 765	21	207	162	363	417	812	614	779	310	80	19 400
1968	3 012	63	67	184	306	373	673	489	620	174	63	18 400
1967	2 722	39	85	230	332	297	541	495	470	190	43	18 400
1965 and 1966	5 202	103	399	547	557	557	1 348	896	742	312	119	18 000
1960 to 1964	8 434	151	373	631	1 048	1 023	2 018	1 413	1 269	362	146	17 400
1950 to 1959	11 160	292	755	1 160	1 521	1 298	2 582	1 809	1 263	326	154	16 000
1949 or earlier	6 934	359	684	1 231	1 530	1 012	1 171	590	194	110	53	11 900
<b>HEATING EQUIPMENT</b>												
Steam or hot water	5 185	76	138	345	617	423	889	898	1 061	556	182	20 600
Warm-air furnace	28 675	232	834	1 890	3 647	3 830	7 438	4 978	4 220	1 151	455	17 500
Built-in electric units	318	19	5	22	55	11	53	54	45	36	18	19 400
Floor, wall, or pipeless furnace	1 844	71	295	401	562	219	211	48	5	21	11	10 700
Other means	5 171	593	1 157	1 332	830	511	476	190	44	24	14	9 100
None	11	4	—	—	—	7	—	—	—	—	—	...
<b>AIR CONDITIONING</b>												
Room unit(s)	5 020	59	136	381	623	669	1 174	868	673	317	120	17 600
Central system	1 335	7	29	36	66	45	221	157	351	189	234	28 000
None	34 874	962	2 185	3 580	4 958	4 263	7 750	5 281	4 313	1 278	304	15 900

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## The SMSA

	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>	<b>13 287</b>	<b>551</b>	<b>300</b>	<b>668</b>	<b>723</b>	<b>2 008</b>	<b>2 438</b>	<b>2 687</b>	<b>2 682</b>	<b>569</b>	<b>27</b>	<b>634</b>	<b>117</b>
<b>ROOMS</b>													
1 room	434	63	40	92	100	55	49	25	—	5	—	5	72
2 rooms	864	252	58	114	68	182	104	23	26	—	—	37	69
3 rooms	2 649	179	96	199	226	695	547	371	262	16	—	58	97
4 rooms	3 911	43	76	130	147	508	781	867	1 070	186	—	103	128
5 rooms	2 621	14	14	54	94	322	556	609	687	175	—	91	130
6 rooms	1 631	—	16	42	59	156	270	471	390	115	10	102	134
7 rooms	721	—	—	25	23	48	95	208	151	51	8	112	136
8 rooms or more	456	—	—	12	6	42	36	113	96	21	4	126	138
Median	4.2	2.3	3.0	3.1	3.4	3.6	4.2	4.6	4.5	4.9	...	5.7	...
<b>PERSONS</b>													
1 person	3 604	454	139	380	337	689	537	397	415	74	8	174	90
2 persons	3 426	57	78	123	105	522	699	613	851	172	10	196	122
3 persons	2 308	14	49	63	81	297	533	601	472	99	—	99	123
4 persons	1 763	6	20	24	69	262	321	460	441	105	4	51	130
5 persons	988	9	10	36	38	125	162	303	194	77	5	29	130
6 persons or more	1 198	11	4	42	93	113	186	313	309	42	—	85	130
Median	2.4	1.1	1.6	1.4	1.7	2.1	2.5	3.1	2.7	2.9	...	2.2	...
Units with roomers, boarders, or lodgers	327	—	—	17	31	43	67	65	75	29	—	—	123
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>12 592</b>	<b>434</b>	<b>239</b>	<b>565</b>	<b>613</b>	<b>1 885</b>	<b>2 372</b>	<b>2 662</b>	<b>2 660</b>	<b>557</b>	<b>27</b>	<b>578</b>	<b>119</b>
0.50 or less	5 975	344	118	318	294	948	1 000	1 026	1 273	266	22	366	116
0.51 to 1.00	5 526	69	100	206	213	755	1 157	1 376	1 195	273	5	177	124
1.01 to 1.50	868	5	16	31	87	126	183	249	143	12	—	16	118
1.51 or more	223	16	5	10	19	56	32	11	49	6	—	19	99
<b>Lacking some or all plumbing facilities</b>	<b>695</b>	<b>117</b>	<b>61</b>	<b>103</b>	<b>110</b>	<b>123</b>	<b>66</b>	<b>25</b>	<b>22</b>	<b>12</b>	<b>—</b>	<b>56</b>	<b>74</b>
0.50 or less	276	63	23	38	18	36	21	7	12	12	—	46	68
0.51 to 1.00	324	50	34	59	71	59	30	5	6	—	—	10	72
1.01 to 1.50	58	4	—	—	7	15	15	13	4	—	—	—	...
1.51 or more	37	—	4	6	14	13	—	—	—	—	—	—	...
<b>BEDROOMS</b>													
None	655	129	44	92	134	194	40	22	—	—	—	—	75
1	3 932	569	99	174	343	1 061	758	510	277	19	—	122	93
2	5 557	104	161	171	143	899	860	1 174	1 637	246	—	162	129
3 or more	3 123	—	34	89	127	183	428	934	795	272	—	261	138
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	440	179	—	—	—	23	16	10	129	60	19	4	120
1965 to 1968	1 390	78	16	4	14	25	46	187	826	165	—	29	169
1960 to 1964	971	20	5	50	83	35	51	151	422	121	—	33	159
1950 to 1959	1 389	29	62	100	82	131	246	242	325	63	—	109	119
1940 to 1949	1 576	6	27	29	83	265	371	428	242	45	—	80	118
1939 or earlier	7 521	239	190	485	461	1 529	1 708	1 669	738	115	8	379	108
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	702	380	20	20	114	83	21	44	20	—	—	—	50—
With elevator	680	380	20	20	92	83	21	44	20	—	—	—	50—
Walk-up	22	—	—	—	22	—	—	—	—	—	—	—	...
1 to 3 floors	12 565	422	318	506	633	2 254	2 065	2 596	2 689	537	—	545	118
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	12 238	379	235	555	629	1 719	2 431	2 626	2 604	496	10	554	119
2 or more	271	—	—	17	—	7	39	31	54	56	26	41	169
None or also used by another household	772	103	61	124	99	137	71	41	47	8	—	81	76
<b>INCOME IN 1969</b>													
Less than \$2,000	2 000	332	111	158	145	297	329	268	212	22	5	121	92
\$2,000 to \$2,999	901	60	34	106	84	149	164	144	83	23	—	54	99
\$3,000 to \$3,999	958	24	5	81	78	195	199	218	109	16	—	33	108
\$4,000 to \$4,999	697	15	23	49	44	202	93	159	77	11	—	24	101
\$5,000 to \$5,999	851	19	10	63	54	117	167	117	187	31	—	39	111
\$6,000 to \$6,999	916	15	36	36	76	140	187	226	137	17	—	46	114
\$7,000 to \$9,999	3 245	56	43	129	123	502	770	727	630	117	8	140	118
\$10,000 to \$14,999	2 623	16	31	33	102	283	422	609	864	151	—	112	138
\$15,000 to \$24,999	963	14	7	4	17	64	108	191	346	156	—	56	157
\$25,000 or more	133	—	—	9	—	5	6	28	37	25	14	9	169
Median	\$7 300	\$2000—	\$4 000	\$3 900	\$5 200	\$5 900	\$7 300	\$7 900	\$9 600	\$11 600	...	\$7 000	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	6 047	243	52	232	218	754	1 123	1 294	1 614	376	36	105	128
1968	1 905	31	50	90	61	225	374	474	456	98	—	46	126
1967	1 149	25	11	53	82	157	294	225	228	14	—	60	115
1965 and 1966	1 422	90	52	119	233	265	252	207	29	—	—	85	106
1960 to 1964	1 373	18	33	121	130	236	281	274	155	14	—	111	107
1950 to 1959	855	45	40	95	80	142	147	122	39	21	—	124	94
1949 or earlier	530	30	20	53	38	116	57	57	6	8	—	145	88
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	1 054	111	85	102	141	241	168	123	53	25	5	...	87
10 to 14 percent	2 602	43	55	158	166	528	610	532	439	62	9	...	112
15 to 19 percent	2 445	9	10	58	80	321	564	607	637	159	—	...	129
20 to 24 percent	1 593	39	12	65	45	211	261	398	497	65	—	...	132
25 to 34 percent	1 517	72	35	102	105	217	178	277	413	118	—	...	125
35 percent or more	3 096	247	82	153	164	432	586	692	592	140	8	...	116
Not computed	980	30	21	30	22	58	71	58	51	—	5	634	103
<b>AIR CONDITIONING</b>													
Room unit(s)	1 726	13	26	18	15	114	192	260	828	139	7	114	160
Central system	403	22	—	—	—	35	37	38	175	77	12	7	169
None	11 152	447	270	678	713	1 714	2 312	2 400	1 702	344	17	555	113

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Owner occupied housing units</b>	<b>49 107</b>	<b>3 765</b>	<b>1 738</b>	<b>1 820</b>	<b>1 656</b>	<b>1 758</b>	<b>1 834</b>	<b>9 299</b>	<b>15 447</b>	<b>9 602</b>	<b>2 188</b>	<b>10 900</b>
<b>ROOMS</b>												
1 and 2 rooms	207	49	15	4	24	14	28	24	39	10	-	5 800
3 rooms	792	188	87	59	18	42	45	134	125	76	18	6 000
4 rooms	5 881	749	390	303	327	324	299	1 423	1 499	497	70	8 200
5 rooms	15 917	1 196	495	657	597	584	649	3 364	5 221	2 772	382	10 400
6 rooms	13 489	849	338	436	341	403	454	2 560	4 602	2 969	537	11 500
7 rooms or more	12 821	734	413	361	349	391	359	1 794	3 961	3 278	1 181	12 500
<b>PERSONS</b>												
1 person	5 335	2 159	673	446	384	254	233	665	358	128	35	2 800
2 persons	12 859	872	755	949	849	833	801	2 491	2 987	1 797	525	8 700
3 and 4 persons	16 457	442	194	292	236	320	474	3 438	6 359	3 932	770	12 200
5 persons	6 336	121	41	59	56	115	113	1 258	2 612	1 582	379	12 700
6 persons or more	8 120	171	75	74	131	236	213	1 447	3 131	2 163	479	12 700
Units with roomers, boarders, or lodgers	851	173	43	99	32	48	35	151	167	88	15	6 900
<b>BEDROOMS</b>												
Less than 3	14 629	1 831	953	816	758	695	810	3 176	3 723	1 483	384	8 400
3	25 341	1 386	631	512	621	667	689	4 913	9 535	5 232	1 155	11 700
4 or more	9 221	497	267	275	341	318	182	1 322	2 956	2 403	660	12 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	1 320	50	29	28	45	38	67	332	367	304	60	11 000
1960 to 1968	11 219	365	144	232	181	276	276	2 108	4 283	2 731	623	12 400
1950 to 1959	11 054	549	257	268	258	344	1 997	3 997	3 795	2 595	666	12 000
1949 or earlier	25 514	2 801	1 308	1 292	1 172	1 119	1 147	4 862	7 002	3 972	839	9 400
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	4 763	217	124	97	171	161	197	1 089	1 591	928	188	11 000
1968	3 547	144	39	69	62	110	118	723	1 454	676	152	11 700
1960 to 1967	18 798	927	359	444	499	593	538	3 995	6 647	3 971	825	11 500
1959 or earlier	22 015	2 517	1 172	1 276	878	925	1 010	3 523	5 562	4 156	996	9 800
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	37 061	1 972	834	1 039	945	1 026	1 051	6 639	13 408	8 090	2 057	11 900
Clothes dryer	35 308	1 557	709	878	818	965	1 015	6 351	12 853	8 125	2 037	12 100
Dishwasher	9 337	164	159	106	85	141	78	832	3 112	3 395	1 265	15 000
Home food freezer	19 537	952	680	522	485	627	531	3 382	6 888	4 139	1 331	11 900
Owned second home	4 970	237	215	133	121	118	97	775	1 582	1 215	477	12 500
With air conditioning	7 420	285	164	167	210	232	205	1 183	2 331	1 967	676	12 700
Room unit(s)	5 899	221	139	122	176	184	185	992	1 944	1 551	385	12 400
Central system	1 521	64	25	45	34	48	20	191	387	416	291	14 300
Automobiles available:												
1	24 350	1 952	1 067	1 237	1 175	1 269	1 336	6 234	7 089	2 590	401	9 000
2	18 146	321	145	244	188	287	346	2 675	7 178	5 523	1 239	13 400
3 or more	3 219	41	14	25	-	39	31	179	810	1 559	521	18 000
<b>Renter occupied housing units</b>	<b>14 036</b>	<b>2 091</b>	<b>933</b>	<b>993</b>	<b>737</b>	<b>906</b>	<b>965</b>	<b>3 440</b>	<b>2 782</b>	<b>1 056</b>	<b>133</b>	<b>7 300</b>
<b>ROOMS</b>												
1 room	445	103	57	21	19	26	14	135	27	34	9	5 900
2 rooms	869	277	129	65	35	58	46	193	41	20	5	3 400
3 rooms	2 686	562	224	166	207	258	207	509	447	111	9	6 000
4 rooms	4 032	599	224	294	252	254	272	978	851	280	28	7 400
5 rooms	2 834	270	141	145	119	189	147	813	722	258	30	8 500
6 rooms or more	3 170	280	189	244	146	172	228	812	694	353	52	8 200
<b>PERSONS</b>												
1 person	3 732	1 111	396	354	249	311	234	714	240	96	27	4 000
2 persons	3 532	385	208	198	190	259	247	739	851	423	32	8 100
3 and 4 persons	4 330	403	238	266	175	225	324	1 301	1 053	305	40	8 200
5 persons	1 089	69	34	97	42	33	86	317	284	109	18	8 700
6 persons or more	1 353	123	57	78	81	78	74	369	354	123	16	8 500
Units with roomers, boarders, or lodgers	332	73	15	45	16	40	27	55	55	6	-	5 400
<b>BEDROOMS</b>												
None	655	170	23	69	63	46	48	129	42	65	-	5 100
1	3 932	1 016	448	195	169	250	293	692	675	174	20	5 600
2	5 918	702	257	477	425	360	358	1 446	1 438	390	65	7 800
3 or more	3 545	204	82	238	145	133	202	957	1 131	392	61	9 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	440	184	33	6	5	15	9	46	59	69	14	3 500
1960 to 1968	2 429	320	125	116	87	162	161	507	615	272	64	8 400
1950 to 1959	1 457	138	115	89	91	156	156	364	323	96	4	7 500
1949 or earlier	9 710	1 449	660	782	564	638	639	2 523	1 785	619	51	7 100
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	6 231	948	321	456	341	397	502	1 668	1 139	394	65	7 300
1968	1 988	293	118	135	67	122	89	454	476	219	15	8 100
1960 to 1967	4 193	517	364	220	172	319	329	1 162	740	320	50	7 500
1959 or earlier	1 608	315	175	177	117	96	68	281	244	128	7	5 200
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	13 287	2 000	901	958	697	851	916	3 245	2 623	963	133	7 300
Less than 15 percent	3 656	-	4	15	28	78	161	1 006	1 452	788	124	11 800
15 to 19 percent	2 445	-	-	9	74	159	204	1 062	818	119	-	9 200
20 to 24 percent	1 593	-	46	81	171	184	241	650	220	-	-	7 300
25 to 34 percent	1 517	63	168	274	187	224	221	359	21	-	-	5 300
35 percent or more	3 096	1 470	629	546	213	167	43	28	-	-	-	2 100
Not computed	980	467	54	33	24	39	46	140	112	56	9	2 400
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	5 416	581	87	299	192	262	291	1 319	1 701	600	84	9 300
Clothes dryer	4 511	380	83	206	168	203	180	1 115	1 490	602	84	9 800
Dishwasher	1 165	70	-	61	-	61	59	156	564	152	42	11 600
Home food freezer	1 500	102	18	39	56	21	151	346	569	179	19	10 100
Owned second home	368	50	-	-	25	40	-	-	107	82	64	9 000
With air conditioning	2 163	189	103	121	66	168	129	467	565	290	47	9 200
Room unit(s)	1 746	114	52	113	46	136	106	415	491	226	18	7 000
Central system	417	75	51	8	20	32	23	52	74	64	-	-
Automobiles available:												
1	7 732	680	353	439	475	565	682	2 574	1 495	411	58	7 800
2	2 570	95	38	104	42	115	83	653	884	527	29	10 900
3 or more	343	26	12	22	-	46	17	51	77	70	22	9 900

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
<b>Owner occupied housing units</b> .....	<b>49 107</b>	<b>47 954</b>	<b>22 423</b>	<b>21 439</b>	<b>3 369</b>	<b>723</b>	<b>1 153</b>	<b>679</b>	<b>314</b>	<b>111</b>	<b>49</b>
<b>PERSONS</b> .....											
1 person .....	5 335	4 996	4 991	5	—	—	339	319	20	—	—
2 persons .....	12 859	12 475	12 210	251	—	14	384	322	62	—	—
3 persons .....	7 956	7 875	3 936	3 930	9	—	81	24	57	—	—
4 persons .....	8 501	8 433	920	7 435	68	10	68	5	57	6	—
5 persons .....	6 336	6 268	366	5 614	250	38	68	9	53	6	—
6 persons or more .....	8 120	7 907	—	4 204	3 042	661	213	—	65	99	49
Median .....	3.3	3.3	2.0	4.4	6.7	7.5+	2.1	1.6	3.8	6.8	...
Units with roomers, boarders, or lodgers .....	851	841	330	436	52	23	10	—	10	—	—
<b>YEAR STRUCTURE BUILT</b> .....											
1969 to March 1970 .....	1 316	1 297	459	684	82	72	19	—	12	7	—
1965 to 1968 .....	5 439	5 384	1 704	3 201	384	95	55	18	22	15	—
1960 to 1964 .....	5 756	5 720	1 923	3 213	520	64	36	14	16	—	6
1950 to 1959 .....	11 113	10 974	4 586	5 318	888	182	139	52	39	29	19
1940 to 1949 .....	5 654	5 450	2 618	2 373	373	86	204	106	58	23	17
1939 or earlier .....	19 845	19 063	11 158	6 532	1 127	246	782	526	170	64	22
<b>INCOME IN 1969</b> .....											
Less than \$2,000 .....	3 765	3 403	2 809	502	76	16	362	304	58	—	—
\$2,000 to \$2,999 .....	1 738	1 639	1 381	231	16	11	99	77	10	6	6
\$3,000 to \$3,999 .....	1 820	1 717	1 381	293	20	23	103	82	21	—	—
\$4,000 to \$4,999 .....	1 656	1 573	1 241	265	57	10	83	41	36	6	—
\$5,000 to \$5,999 .....	1 758	1 678	1 164	384	106	24	80	29	27	15	9
\$6,000 to \$6,999 .....	1 834	1 766	1 129	495	112	30	68	21	28	14	5
\$7,000 to \$9,999 .....	9 299	9 134	3 876	4 358	719	181	165	73	39	38	15
\$10,000 to \$14,999 .....	15 447	15 316	5 128	8 581	1 310	297	131	42	55	20	14
\$15,000 to \$24,999 .....	9 602	9 546	3 236	5 408	815	87	56	10	40	6	—
\$25,000 or more .....	2 188	2 182	1 078	922	138	44	6	—	—	6	—
Median .....	\$10 900	\$11 000	\$8 600	\$12 400	\$12 200	\$11 100	\$4 200	\$2 500	\$6 200	\$8 100	...
<b>VALUE-INCOME RATIO</b> .....											
Specified owner occupied <sup>1</sup> .....	<b>41 204</b>	<b>40 523</b>	<b>18 437</b>	<b>18 574</b>	<b>2 890</b>	<b>622</b>	<b>681</b>	<b>382</b>	<b>190</b>	<b>78</b>	<b>31</b>
Less than 1.5 .....	17 903	17 583	6 308	9 141	1 755	379	320	105	121	69	25
1.5 to 1.9 .....	8 027	7 971	3 066	4 247	531	127	56	42	9	5	—
2.0 to 2.4 .....	5 048	4 992	2 258	2 380	307	47	56	45	—	—	—
2.5 to 2.9 .....	2 581	2 541	1 313	1 122	96	10	40	16	20	4	—
3.0 to 3.9 .....	2 682	2 654	1 779	752	99	24	28	16	—	—	—
4.0 or more .....	4 510	4 355	3 400	842	83	30	155	120	29	—	6
Not computed .....	453	427	313	90	19	5	26	26	—	—	—
<b>HEATING EQUIPMENT</b> .....											
Steam or hot water .....	6 344	6 279	3 088	2 757	404	30	65	52	7	6	—
Warm-air furnace .....	33 642	33 366	15 012	15 660	2 275	419	276	147	88	33	8
Built-in electric units .....	454	445	232	177	36	—	9	—	—	—	—
Floor, wall, or pipeless furnace .....	2 148	2 081	1 185	747	114	35	67	37	20	5	5
Other means .....	6 508	5 776	2 906	2 098	533	239	732	439	190	67	36
None .....	11	7	—	—	7	—	4	4	—	—	—
<b>Renter occupied housing units</b> .....	<b>14 036</b>	<b>13 261</b>	<b>6 222</b>	<b>5 848</b>	<b>938</b>	<b>253</b>	<b>775</b>	<b>332</b>	<b>324</b>	<b>82</b>	<b>37</b>
<b>PERSONS</b> .....											
1 person .....	3 732	3 254	3 053	201	—	—	478	266	212	—	—
2 persons .....	3 532	3 409	2 541	856	—	12	123	66	57	—	—
3 persons .....	2 429	2 374	493	1 837	34	10	55	—	40	15	—
4 persons .....	1 901	1 867	103	1 623	126	15	34	—	5	16	13
5 persons .....	1 089	1 067	32	782	211	42	22	—	5	11	6
6 persons or more .....	1 353	1 290	—	549	567	174	63	—	5	40	18
Median .....	2.4	2.5	1.5	3.5	6.0	7.2	1.3	1.1	1.3	...	...
Units with roomers, boarders, or lodgers .....	332	321	133	149	22	17	11	—	11	—	—
<b>YEAR STRUCTURE BUILT</b> .....											
1969 to March 1970 .....	419	419	295	116	—	8	—	—	—	—	—
1965 to 1968 .....	1 407	1 402	842	481	62	17	5	—	—	—	5
1960 to 1964 .....	991	936	491	397	42	6	55	13	36	6	—
1950 to 1959 .....	1 457	1 388	491	772	87	38	69	24	19	26	—
1940 to 1949 .....	1 680	1 641	602	786	219	34	39	31	—	8	—
1939 or earlier .....	8 066	7 507	3 486	3 342	525	154	559	248	247	34	30
<b>INCOME IN 1969</b> .....											
Less than \$2,000 .....	2 091	1 865	1 189	560	99	17	226	141	67	—	18
\$2,000 to \$2,999 .....	933	866	500	316	45	5	67	15	48	4	—
\$3,000 to \$3,999 .....	993	919	507	347	54	11	74	27	23	24	—
\$4,000 to \$4,999 .....	737	677	351	253	63	10	60	33	22	5	—
\$5,000 to \$5,999 .....	906	885	504	313	51	17	21	11	10	—	—
\$6,000 to \$6,999 .....	965	906	441	393	46	26	59	16	21	13	9
\$7,000 to \$9,999 .....	3 440	3 259	1 212	1 744	245	58	181	71	87	19	4
\$10,000 to \$14,999 .....	2 782	2 734	989	1 391	265	89	48	18	17	7	6
\$15,000 to \$24,999 .....	1 056	1 021	466	475	70	10	35	—	25	10	—
\$25,000 or more .....	133	129	63	56	—	10	4	—	4	—	—
Median .....	\$7 300	\$7 500	\$6 100	\$8 300	\$8 400	\$9 100	\$4 300	\$3 400	\$5 200	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b> .....											
Specified renter occupied <sup>2</sup> .....	<b>13 287</b>	<b>12 592</b>	<b>5 975</b>	<b>5 526</b>	<b>868</b>	<b>223</b>	<b>695</b>	<b>276</b>	<b>324</b>	<b>58</b>	<b>37</b>
Less than 10 percent .....	1 054	917	334	427	107	49	137	41	86	—	10
10 to 14 percent .....	2 602	2 501	990	1 275	202	34	101	19	63	10	9
15 to 19 percent .....	2 445	2 374	1 013	1 149	159	53	71	33	10	28	—
20 to 24 percent .....	1 593	1 534	676	744	91	23	59	25	34	—	—
25 to 34 percent .....	1 517	1 459	704	616	111	28	58	31	27	—	—
35 percent or more .....	3 096	2 916	1 708	1 036	155	17	180	76	73	20	11
Not computed .....	980	891	550	279	43	19	89	51	31	—	7
<b>HEATING EQUIPMENT</b> .....											
Steam or hot water .....	2 841	2 605	1 574	903	95	33	236	69	150	10	7
Warm-air furnace .....	6 306	6 045	2 652	2 877	406	110	261	124	111	10	16
Built-in electric units .....	653	653	385	249	19	—	—	—	—	—	—
Floor, wall, or pipeless furnace .....	986	953	383	452	107	11	33	22	5	—	6
Other means .....	3 239	2 994	1 223	1 361	311	99	245	117	58	62	8
None .....	11	11	5	6	—	—	—	—	—	—	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b> .....	<b>49 107</b>	<b>49</b>	<b>158</b>	<b>792</b>	<b>5 881</b>	<b>15 917</b>	<b>13 489</b>	<b>7 337</b>	<b>5 484</b>	<b>5.6</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	47 504	27	121	650	5 499	15 729	13 037	7 134	5 307	5.6
<b>PERSONS</b> .....										
1 person .....	5 335	25	79	275	1 267	1 671	1 096	543	379	5.1
2 persons .....	12 859	14	55	258	2 293	4 768	3 221	1 358	892	5.3
3 persons .....	7 956	—	9	113	1 108	2 766	2 244	1 109	607	5.5
4 persons .....	8 501	5	5	74	685	2 927	2 676	1 204	925	5.7
5 persons .....	6 336	—	6	32	256	2 030	1 956	1 171	885	5.9
6 persons or more .....	8 120	5	4	40	272	1 755	2 296	1 952	1 796	6.4
Median .....	3.3	...	1.5	2.0	2.2	3.0	3.6	4.0	4.4	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....										
<b>With all plumbing facilities</b> .....	<b>47 954</b>	<b>29</b>	<b>128</b>	<b>673</b>	<b>5 581</b>	<b>15 628</b>	<b>13 296</b>	<b>7 220</b>	<b>5 399</b>	<b>5.6</b>
0.50 or less .....	22 423	—	67	222	3 352	6 268	6 448	2 945	3 121	5.7
0.51 to 1.00 .....	21 439	5	41	315	1 744	7 662	5 756	3 828	2 088	5.7
1.01 to 1.50 .....	3 369	—	9	68	389	1 380	966	380	177	5.4
1.51 or more .....	723	24	11	68	96	318	126	67	13	5.0
<b>Lacking some or all plumbing facilities</b> .....	<b>1 153</b>	<b>20</b>	<b>30</b>	<b>119</b>	<b>300</b>	<b>289</b>	<b>193</b>	<b>117</b>	<b>85</b>	<b>4.9</b>
0.50 or less .....	679	—	12	53	208	171	113	65	57	4.9
0.51 to 1.00 .....	314	20	14	56	49	61	54	32	28	4.8
1.01 to 1.50 .....	111	—	—	6	22	48	21	14	—	5.1
1.51 or more .....	49	—	4	4	21	9	5	6	—	...
<b>BEDROOMS</b> .....										
None and 1 .....	1 490	103	207	574	411	137	40	—	18	3.3
2 .....	13 139	—	—	275	5 028	5 917	1 525	312	82	4.7
3 .....	25 341	—	—	—	186	9 012	10 931	3 789	1 423	5.8
4 or more .....	9 221	—	—	—	—	176	1 635	3 189	4 221	7.4
<b>YEAR STRUCTURE BUILT</b> .....										
1969 to March 1970 .....	1 320	—	4	29	175	472	305	162	173	5.5
1960 to 1968 .....	11 219	5	28	166	1 129	4 427	2 988	1 375	1 101	5.5
1950 to 1959 .....	11 054	25	53	129	1 629	4 401	3 014	1 219	584	5.3
1949 or earlier .....	25 514	19	73	468	2 948	6 617	7 182	4 581	3 626	5.9
<b>COMPLETE BATHROOMS</b> .....										
1 and 1 1/2 .....	42 012	27	126	589	5 351	14 879	11 717	5 868	3 455	5.5
2 or more .....	5 585	—	—	61	161	871	1 341	1 279	1 872	6.8
None or also used by another household .....	1 526	13	23	135	416	448	257	144	90	4.9
<b>VALUE-INCOME RATIO</b> .....										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>41 204</b>	<b>20</b>	<b>82</b>	<b>382</b>	<b>4 298</b>	<b>13 818</b>	<b>11 984</b>	<b>6 265</b>	<b>4 355</b>	<b>5.7</b>
Less than 1.5 .....	17 903	10	40	172	2 049	5 811	5 173	2 843	1 805	5.7
1.5 to 1.9 .....	8 027	—	40	42	577	2 918	2 437	1 150	893	5.7
2.0 to 2.9 .....	7 629	5	9	47	626	2 503	2 461	1 132	846	5.8
3.0 or more .....	7 192	—	13	110	956	2 447	1 789	1 103	774	5.5
Not computed .....	453	5	10	11	90	139	124	37	37	5.3
<b>Renter occupied housing units</b> .....	<b>14 036</b>	<b>445</b>	<b>869</b>	<b>2 686</b>	<b>4 032</b>	<b>2 834</b>	<b>1 767</b>	<b>840</b>	<b>563</b>	<b>4.2</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	12 964	137	678	2 570	3 688	2 790	1 781	834	486	4.3
<b>PERSONS</b> .....										
1 person .....	3 732	413	627	1 334	846	261	127	57	67	3.1
2 persons .....	3 532	12	137	776	1 434	737	267	88	81	4.1
3 persons .....	2 429	10	49	356	893	628	318	107	68	4.4
4 persons .....	1 901	6	22	142	536	612	343	137	103	4.9
5 persons .....	1 089	—	10	38	222	336	263	153	67	5.3
6 persons or more .....	1 353	4	24	40	101	260	449	298	177	6.1
Median .....	2.4	1.0	1.2	1.5	2.3	3.2	4.0	4.7	4.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....										
<b>With all plumbing facilities</b> .....	<b>13 261</b>	<b>223</b>	<b>718</b>	<b>2 546</b>	<b>3 927</b>	<b>2 753</b>	<b>1 741</b>	<b>819</b>	<b>534</b>	<b>4.3</b>
0.50 or less .....	6 222	—	534	1 257	2 225	945	696	231	334	4.1
0.51 to 1.00 .....	5 848	201	108	1 091	1 397	1 571	817	508	155	4.6
1.01 to 1.50 .....	938	—	34	126	278	205	205	68	22	4.7
1.51 or more .....	253	22	42	72	27	32	23	12	23	3.4
<b>Lacking some or all plumbing facilities</b> .....	<b>775</b>	<b>222</b>	<b>151</b>	<b>140</b>	<b>105</b>	<b>81</b>	<b>26</b>	<b>21</b>	<b>29</b>	<b>2.6</b>
0.50 or less .....	332	—	93	77	55	5	16	21	17	3.4
0.51 to 1.00 .....	324	212	29	41	32	5	—	—	5	1.3
1.01 to 1.50 .....	82	—	15	16	11	23	10	—	7	...
1.51 or more .....	37	10	14	6	7	—	—	—	—	...
<b>BEDROOMS</b> .....										
None .....	655	440	176	39	—	—	—	—	—	1.2
1 .....	3 932	—	714	2 217	884	94	23	—	—	3.1
2 .....	5 918	—	—	211	3 547	1 671	385	63	41	4.3
3 or more .....	3 545	—	—	—	67	888	1 163	793	634	6.2
<b>YEAR STRUCTURE BUILT</b> .....										
1969 to March 1970 .....	440	16	100	116	114	62	28	—	4	3.4
1960 to 1968 .....	2 429	68	126	348	1 112	538	160	44	33	4.1
1950 to 1959 .....	1 457	70	49	210	459	395	165	88	21	4.4
1949 or earlier .....	9 710	291	594	2 012	2 347	1 839	1 414	708	505	4.3
<b>COMPLETE BATHROOMS</b> .....										
1 and 1 1/2 .....	12 868	213	693	2 577	3 677	2 761	1 715	769	463	4.3
2 or more .....	282	7	19	13	40	36	74	70	23	5.9
None or also used by another household .....	870	226	157	135	117	110	50	27	48	2.9
<b>GROSS RENT AS PERCENTAGE OF INCOME</b> .....										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>13 287</b>	<b>434</b>	<b>864</b>	<b>2 649</b>	<b>3 911</b>	<b>2 621</b>	<b>1 631</b>	<b>721</b>	<b>456</b>	<b>4.2</b>
Less than 10 percent .....	1 054	122	102	245	189	188	118	63	27	3.8
10 to 14 percent .....	2 602	84	152	539	796	555	315	114	47	4.2
15 to 19 percent .....	2 445	39	101	450	749	625	285	111	85	4.3
20 to 24 percent .....	1 593	28	79	252	508	357	235	97	37	4.4
25 to 34 percent .....	1 517	44	83	324	519	238	184	88	37	4.1
35 percent or more .....	3 096	107	274	702	939	503	361	118	92	4.0
Not computed .....	980	10	73	137	211	155	133	130	131	4.9

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## The SMSA

## All occupied housing units

## ROOMS

	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	49 107	46 081	1 634	1 392	14 036	5 847	2 978	2 400	808	795	1 047	161

## PLUMBING FACILITIES BY PERSONS PER ROOM

With all plumbing facilities	47 954	45 055	1 566	1 333	13 261	5 631	2 921	2 233	703	700	918	155
0.50 or less	22 423	20 825	941	657	6 222	2 023	1 379	1 208	378	520	626	88
0.51 to 1.00	21 439	20 322	544	573	5 848	2 956	1 334	809	245	167	270	67
1.01 to 1.50	3 369	3 210	67	92	938	537	146	185	57	13	—	—
1.51 or more	723	698	14	11	253	115	62	31	23	—	22	—
Lacking some or all plumbing facilities	1 153	1 026	68	59	775	216	57	167	105	95	129	6
0.50 or less	679	617	43	19	332	136	28	76	66	10	16	—
0.51 to 1.00	314	268	16	30	324	31	12	60	29	85	107	—
1.01 to 1.50	111	100	5	6	82	45	4	27	—	—	6	—
1.51 or more	49	41	4	4	37	4	13	4	10	—	6	—

## BEDROOMS

None	124	96	—	28	655	23	85	113	42	87	305	—
1	1 366	865	341	160	3 932	399	883	1 292	306	399	615	38
2	13 139	11 248	823	1 068	5 918	2 322	1 655	975	323	353	198	92
3	25 341	24 773	360	208	2 640	2 159	251	96	65	15	—	54
4 or more	9 221	9 055	166	—	905	843	62	—	—	—	—	—

## YEAR STRUCTURE BUILT

1969 to March 1970	1 320	1 052	20	248	440	41	77	27	25	47	216	7
1965 to 1968	5 535	4 741	101	693	1 423	329	141	246	121	295	247	44
1960 to 1964	5 684	5 399	47	238	1 006	323	128	186	41	151	127	50
1950 to 1959	11 054	10 823	78	153	1 457	863	229	138	95	16	76	40
1940 to 1949	5 677	5 526	131	20	1 729	1 017	423	219	30	20	20	—
1939 or earlier	19 837	18 540	1 257	40	7 981	3 274	1 980	1 584	496	266	361	20

## INCOME IN 1969

Less than \$2,000	3 765	3 374	257	134	2 091	605	431	466	163	79	319	28
\$2,000 to \$2,999	1 738	1 581	104	53	933	305	197	180	88	34	105	24
\$3,000 to \$3,999	1 820	1 665	95	60	993	371	229	223	50	43	73	4
\$4,000 to \$4,999	1 656	1 518	51	87	737	254	209	123	37	45	69	—
\$5,000 to \$5,999	1 758	1 570	102	86	906	324	136	228	77	34	91	16
\$6,000 to \$6,999	1 834	1 651	92	91	965	375	204	165	84	44	71	22
\$7,000 to \$9,999	9 299	8 627	273	399	3 440	1 680	705	523	143	211	145	33
\$10,000 to \$14,999	15 447	14 636	400	411	2 782	1 392	649	331	103	198	80	29
\$15,000 to \$24,999	9 602	9 317	214	71	1 056	483	207	144	40	95	82	5
\$25,000 or more	2 188	2 142	46	—	133	58	11	17	23	12	12	—
Median	\$10 900	\$11 000	\$8 300	\$8 400	\$7 300	\$8 200	\$7 400	\$5 900	\$5 900	\$8 700	\$4 400	\$6 400

## YEAR MOVED INTO UNIT

1969 to March 1970	4 763	4 055	262	446	6 231	2 328	1 377	1 021	347	434	600	124
1968	3 547	3 237	107	203	1 988	804	503	317	144	160	60	—
1967	3 286	2 918	104	264	1 218	620	278	171	37	52	46	14
1965 and 1966	6 092	5 641	140	311	1 470	606	287	274	118	54	126	5
1960 to 1964	9 420	9 094	200	126	1 505	737	308	285	92	26	57	—
1950 to 1959	11 482	11 088	357	37	880	444	147	148	48	30	57	6
1949 or earlier	10 533	10 037	482	14	728	384	76	134	29	21	77	7

## GROSS RENT

Specified renter occupied <sup>1</sup>	...	...	...	...	13 287	5 098	2 978	2 400	808	795	1 047	161
Less than \$50	...	...	...	...	551	37	46	77	52	40	294	5
\$50 to \$59	...	...	...	...	300	44	34	98	48	40	31	5
\$60 to \$69	...	...	...	...	668	119	141	201	68	44	83	12
\$70 to \$79	...	...	...	...	723	160	185	159	90	40	89	—
\$80 to \$99	...	...	...	...	2 008	510	578	548	187	43	125	17
\$100 to \$119	...	...	...	...	2 438	919	734	480	121	47	103	34
\$120 to \$149	...	...	...	...	2 687	1 420	646	388	75	75	56	27
\$150 to \$199	...	...	...	...	2 682	1 121	451	366	128	365	212	39
\$200 to \$299	...	...	...	...	569	286	101	45	22	82	33	—
\$300 or more	...	...	...	...	27	12	5	—	5	5	—	—
No cash rent	...	...	...	...	634	470	57	38	12	14	21	22
Median	...	...	...	...	\$117	\$131	\$113	\$104	\$93	\$158	\$82	\$118

## HEATING EQUIPMENT

Steam or hot water	6 344	5 998	342	4	2 841	553	454	627	279	305	623	—
Warm-air furnace	33 642	31 584	973	1 085	6 306	2 899	1 567	944	335	244	221	96
Built-in electric units	454	397	22	35	653	114	70	84	66	173	140	6
Floor, wall, or pipeless furnace	2 148	1 970	93	85	986	498	213	174	37	32	22	10
Other means	6 508	6 121	204	183	3 239	1 783	674	560	91	41	41	49
None	11	11	—	—	11	—	—	11	—	—	—	—

## AIR CONDITIONING

Room unit(s)	5 899	5 437	242	220	1 746	449	263	325	106	355	241	7
Central system	1 521	1 414	45	62	417	46	26	36	90	128	86	5
None	41 703	39 219	1 365	1 119	11 857	5 428	2 687	1 989	619	294	696	144

## AUTOMOBILES AVAILABLE

1	24 350	22 517	905	928	7 732	3 395	1 740	1 246	392	436	428	95
2	18 146	17 395	387	364	2 570	1 404	511	301	92	192	48	22
3 or more	3 219	3 069	118	32	343	196	49	39	29	12	18	—
None	3 408	3 089	242	77	3 375	928	676	764	302	137	529	39

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	49 107	1 467	8 421	9 245	15 404	4 392	1 050	262	2 585	946	2 426	2 909
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	47 954	1 445	8 338	9 123	15 209	4 189	984	252	2 539	879	2 330	2 666
0.50 or less	22 423	503	1 471	1 162	7 870	3 632	593	211	1 267	723	2 330	2 661
0.51 to 1.00	21 439	915	5 947	6 125	6 481	514	310	41	955	146	-	5
1.01 to 1.50	3 369	27	835	1 474	682	38	65	-	244	4	-	-
1.51 or more	723	-	85	362	176	5	16	-	73	6	-	-
Lacking some or all plumbing facilities	1 153	22	83	122	195	203	66	10	46	67	96	243
0.50 or less	679	11	5	10	94	137	34	10	10	49	86	233
0.51 to 1.00	314	11	35	57	81	54	22	-	16	18	10	10
1.01 to 1.50	111	-	22	50	11	6	6	-	16	-	-	-
1.51 or more	49	-	21	5	9	6	4	-	4	-	-	-
UNITS IN STRUCTURE												
1	46 081	1 106	7 845	9 070	14 849	4 162	977	246	2 366	885	1 968	2 607
2 or more	1 634	61	212	108	391	177	37	16	153	47	218	214
Mobile home or trailer	1 392	300	364	67	164	53	36	-	66	14	240	88
INCOME IN 1969												
Less than \$2,000	3 765	41	93	119	303	432	61	40	344	173	549	1 610
\$2,000 to \$2,999	1 738	23	40	43	146	507	37	16	178	75	174	499
\$3,000 to \$3,999	1 820	28	33	69	258	678	33	25	172	78	182	264
\$4,000 to \$4,999	1 656	46	54	52	240	576	49	9	201	45	197	187
\$5,000 to \$5,999	1 758	25	141	147	410	409	30	19	255	68	183	71
\$6,000 to \$6,999	1 834	97	181	175	472	306	59	37	190	84	183	50
\$7,000 to \$9,999	9 299	557	2 126	1 674	2 779	567	197	51	524	159	546	119
\$10,000 to \$14,999	15 447	561	4 102	3 971	4 997	490	371	28	441	128	316	42
\$15,000 to \$24,999	9 602	85	1 490	2 506	4 525	312	175	32	239	110	84	44
\$25,000 or more	2 188	4	161	489	1 274	115	38	5	41	26	12	23
Median	\$10 900	\$9 600	\$11 900	\$13 000	\$13 100	\$5 000	\$10 800	\$6 600	\$6 800	\$6 400	\$5 600	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied <sup>1</sup>	41 204	1 043	7 388	8 181	13 069	3 493	846	188	2 170	799	1 724	2 303
Less than 1.5	17 903	492	3 041	4 086	7 438	814	441	61	708	260	440	122
1.5 to 1.9	8 027	292	1 923	1 913	2 613	419	148	19	252	124	186	138
2.0 to 2.4	5 048	102	1 305	1 104	1 313	445	81	24	261	84	225	104
2.5 to 2.9	2 581	54	478	527	633	378	45	23	197	36	109	101
3.0 to 3.9	2 682	36	388	287	474	593	45	30	203	80	197	349
4.0 or more	4 510	67	248	236	559	804	86	31	461	188	457	1 373
Not computed	453	-	5	28	39	40	-	-	88	27	110	116
Renter occupied housing units	14 036	2 086	2 520	1 068	1 381	389	499	35	2 193	133	2 493	1 239
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 261	2 040	2 502	1 037	1 296	375	471	35	2 131	120	2 124	1 130
0.50 or less	6 222	624	542	177	575	272	230	12	681	56	1 970	1 083
0.51 to 1.00	5 848	1 251	1 661	665	531	86	193	23	1 177	60	154	47
1.01 to 1.50	938	140	241	152	120	6	43	-	232	4	-	-
1.51 or more	253	25	58	43	70	11	5	-	41	-	-	-
Lacking some or all plumbing facilities	775	46	18	31	85	14	28	-	62	13	369	109
0.50 or less	332	-	-	-	28	9	5	-	16	8	189	77
0.51 to 1.00	324	12	11	11	16	5	23	-	29	5	180	32
1.01 to 1.50	82	28	7	9	32	-	-	-	6	-	-	-
1.51 or more	37	6	-	11	9	-	-	-	11	-	-	-
UNITS IN STRUCTURE												
1	5 847	747	1 482	771	762	183	214	5	1 004	37	433	209
2 to 4	5 378	1 104	826	233	365	118	190	17	914	66	1 078	467
5 to 19	1 603	185	165	48	150	39	66	13	192	13	578	154
20 or more	1 047	20	27	12	87	49	18	-	53	13	369	399
Mobile home or trailer	161	30	20	4	17	-	11	-	30	4	35	10
GROSS RENT												
Specified renter occupied <sup>2</sup>	13 287	2 034	2 280	938	1 257	368	484	35	2 170	117	2 412	1 192
Less than \$50	551	14	-	-	28	5	6	-	32	12	126	328
\$50 to \$59	300	12	17	15	12	12	11	-	82	-	94	45
\$60 to \$69	668	54	44	8	21	19	11	-	120	11	248	132
\$70 to \$79	723	70	62	26	47	5	13	12	146	5	260	77
\$80 to \$99	2 008	356	223	112	192	75	48	5	295	13	533	156
\$100 to \$119	2 438	560	411	146	172	49	113	-	431	19	426	111
\$120 to \$149	2 687	516	612	244	213	62	123	-	501	19	309	88
\$150 to \$199	2 682	393	706	251	283	51	113	7	449	14	258	157
\$200 to \$299	569	36	131	88	129	27	17	6	54	7	55	19
\$300 or more	27	-	-	5	4	5	5	-	-	-	8	-
No cash rent	634	23	74	43	156	58	24	5	60	17	95	79
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied <sup>2</sup>	13 287	2 034	2 280	938	1 257	368	484	35	2 170	117	2 412	1 192
Less than \$5,000	4 556	357	149	92	217	165	108	28	1 364	56	1 022	998
Less than 20 percent	130	9	5	-	16	-	6	-	14	5	51	24
20 to 24 percent	298	44	14	19	12	5	6	-	41	7	82	68
25 to 34 percent	692	90	28	20	27	38	12	12	165	6	133	161
35 percent or more	2 858	196	91	42	148	80	65	11	963	27	617	618
Not computed	578	18	11	11	14	42	19	5	181	11	139	127
\$5,000 to \$9,999	5 012	1 057	983	390	411	122	192	7	578	41	1 090	141
Less than 20 percent	2 670	592	529	192	210	41	80	-	209	6	772	39
20 to 24 percent	1 075	242	202	114	58	33	67	-	149	16	152	42
25 to 34 percent	804	176	191	37	61	23	26	-	135	-	131	24
35 percent or more	238	33	18	13	19	5	12	7	66	14	25	26
Not computed	225	14	43	34	63	20	7	-	19	5	10	10
\$10,000 to \$14,999	2 623	552	820	287	366	70	125	-	158	15	210	20
Less than 20 percent	2 270	509	716	223	289	43	115	-	138	15	206	16
20 to 24 percent	220	38	76	55	17	15	10	-	9	-	-	-
25 percent or more	21	5	12	-	4	-	-	-	-	-	-	-
Not computed	112	-	16	9	56	12	-	-	11	-	4	4
\$15,000 or more	1 096	68	328	169	263	11	59	-	70	5	90	33
Less than 20 percent	1 031	68	318	169	235	11	46	-	70	-	81	33
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	65	-	10	-	28	-	13	-	-	5	9	-

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>49 107</b>	<b>5 335</b>	<b>12 859</b>	<b>7 956</b>	<b>8 501</b>	<b>6 336</b>	<b>3 931</b>	<b>2 338</b>	<b>1 851</b>	<b>3.3</b>
<b>BEDROOMS</b>										
None and 1	1 490	641	562	86	140	—	24	19	18	1.7
2	13 139	2 388	5 441	3 123	1 297	475	252	77	86	2.3
3	25 341	1 550	5 420	3 769	5 999	4 394	2 431	1 118	660	3.8
4 or more	9 221	762	1 284	1 176	1 216	1 224	1 383	1 183	993	4.6
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	1 320	53	239	288	330	188	98	59	65	3.7
1965 to 1968	5 535	319	926	930	1 385	1 046	523	221	185	3.9
1960 to 1964	5 684	279	1 088	910	1 289	1 057	627	263	171	3.9
1950 to 1959	11 054	831	2 866	1 977	2 200	1 439	907	480	352	3.4
1940 to 1949	5 677	669	1 575	1 015	881	694	411	267	165	3.1
1939 or earlier	19 837	3 184	6 165	2 836	2 416	1 912	1 363	1 048	913	2.7
<b>UNITS IN STRUCTURE</b>										
1	46 081	4 575	11 946	7 321	8 139	6 171	3 816	2 294	1 819	3.4
2 or more	1 634	432	523	287	170	78	79	33	32	2.2
Mobile home or trailer	1 392	328	390	348	192	87	36	11	—	2.4
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	42 012	4 688	11 316	6 898	7 374	5 349	3 139	1 825	1 423	3.2
2 and 2 1/2	4 989	257	915	842	902	875	556	325	317	4.0
3 or more	596	49	142	73	78	74	75	53	52	3.9
None or also used by another household	1 526	358	523	93	116	96	124	128	88	2.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>43 772</b>	...	<b>12 859</b>	<b>7 956</b>	<b>8 501</b>	<b>6 336</b>	<b>3 931</b>	<b>2 338</b>	<b>1 851</b>	<b>3.6</b>
Male head, wife present, no nonrelatives	38 929	...	10 561	6 969	7 902	5 986	3 674	2 164	1 673	3.7
Under 25 years	1 467	...	321	597	431	84	24	4	6	3.2
25 to 34 years	8 421	...	581	1 342	2 781	2 063	969	478	207	4.3
35 to 44 years	9 245	...	410	785	2 069	2 213	1 769	1 050	949	5.1
45 to 64 years	15 404	...	5 748	3 659	2 458	1 550	888	600	501	3.0
65 years and over	4 392	...	3 501	586	163	76	24	32	10	2.1
Other male head	1 312	...	695	262	153	102	28	39	33	2.4
Under 65 years	1 050	...	508	214	131	97	28	39	33	2.6
65 years and over	262	...	187	48	22	5	—	—	—	2.2
Female head	3 531	...	1 603	725	446	248	229	135	145	2.7
Under 65 years	2 585	...	907	569	412	211	212	135	139	3.2
65 years and over	946	...	696	156	34	37	17	—	6	2.2
<b>One-person households</b>	<b>5 335</b>	<b>5 335</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>41 204</b>	<b>4 027</b>	<b>10 502</b>	<b>6 540</b>	<b>7 539</b>	<b>5 614</b>	<b>3 451</b>	<b>1 994</b>	<b>1 537</b>	<b>3.4</b>
Less than 1.5	17 903	562	3 907	3 288	3 513	2 592	1 897	1 183	961	3.8
1.5 to 1.9	8 027	324	1 803	1 383	1 780	1 432	658	373	274	3.8
2.0 to 2.4	5 048	329	1 363	806	1 018	708	497	225	102	3.5
2.5 to 2.9	2 581	210	878	328	505	401	144	68	47	3.1
3.0 to 3.9	2 682	546	1 022	271	321	273	144	56	49	2.3
4.0 or more	4 510	1 830	1 418	432	365	195	106	60	104	1.8
Not computed	453	226	111	32	37	13	5	29	—	1.5
<b>Renter occupied housing units</b>	<b>14 036</b>	<b>3 732</b>	<b>3 532</b>	<b>2 429</b>	<b>1 901</b>	<b>1 089</b>	<b>589</b>	<b>478</b>	<b>286</b>	<b>2.4</b>
<b>BEDROOMS</b>										
None	655	594	39	22	—	—	—	—	—	1.1
1	3 932	2 134	1 309	340	130	—	19	—	—	1.4
2	5 918	899	1 934	1 363	828	629	121	101	43	2.6
3 or more	3 545	119	349	551	816	775	347	342	246	4.4
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	440	198	138	50	32	10	12	—	—	1.7
1965 to 1968	1 423	408	512	190	200	45	26	36	6	2.1
1960 to 1964	1 006	318	259	177	132	78	22	15	5	2.2
1950 to 1959	1 457	239	389	302	230	155	66	44	32	2.8
1940 to 1949	1 729	289	357	380	356	159	83	63	42	3.1
1939 or earlier	7 981	2 280	1 877	1 330	951	642	380	320	201	2.4
<b>UNITS IN STRUCTURE</b>										
1	5 847	642	1 084	1 224	1 140	772	433	307	245	3.5
2	2 978	686	904	652	400	180	71	61	24	2.4
3 and 4	2 400	859	776	316	207	101	65	70	6	1.9
5 to 9	808	337	215	86	85	36	4	34	11	1.8
10 to 19	795	395	296	93	5	—	—	—	—	1.5
20 or more	1 047	768	212	23	28	—	10	6	—	1.2
Mobile home or trailer	161	45	45	35	36	—	—	—	—	2.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	12 868	3 186	3 294	2 355	1 825	931	581	447	249	2.5
2 or more	282	44	67	48	50	48	12	—	13	3.1
None or also used by another household	870	487	133	71	63	54	12	27	23	1.4
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>10 304</b>	...	<b>3 532</b>	<b>2 429</b>	<b>1 901</b>	<b>1 089</b>	<b>589</b>	<b>478</b>	<b>286</b>	<b>3.2</b>
Male head, wife present, no nonrelatives	7 444	...	2 461	1 768	1 413	860	417	295	230	3.2
Under 25 years	2 086	...	802	836	266	103	48	31	—	2.8
25 to 34 years	2 520	...	532	514	725	410	178	91	70	3.8
35 to 44 years	1 068	...	160	175	214	221	139	85	74	4.4
45 to 64 years	1 381	...	664	198	192	112	52	77	86	2.6
65 years and over	389	...	303	45	16	14	—	11	—	2.1
Other male head	534	...	286	111	60	33	23	17	4	2.4
Under 65 years	499	...	257	105	60	33	23	17	4	2.5
65 years and over	35	...	29	6	—	—	—	—	—	...
Female head	2 326	...	785	550	428	196	149	166	52	3.2
Under 65 years	2 193	...	678	545	413	196	143	166	52	3.3
65 years and over	133	...	107	5	15	—	6	—	—	2.1
<b>One-person households</b>	<b>3 732</b>	<b>3 732</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>13 287</b>	<b>3 604</b>	<b>3 426</b>	<b>2 308</b>	<b>1 763</b>	<b>988</b>	<b>549</b>	<b>407</b>	<b>242</b>	<b>2.4</b>
Less than 10 percent	1 054	277	279	156	148	89	47	34	24	2.4
10 to 14 percent	2 602	473	790	484	398	220	140	79	18	2.6
15 to 19 percent	2 445	472	656	498	380	217	89	62	71	2.7
20 to 24 percent	1 593	344	437	262	237	155	69	49	40	2.6
25 to 34 percent	1 517	449	359	273	211	102	62	26	35	2.4
35 percent or more	3 096	1 286	637	487	289	156	93	116	32	1.9
Not computed	980	303	268	148	100	49	49	41	22	2.2

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A—9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
<b>Vacant for sale</b> .....	<b>525</b>	<b>161</b>	<b>209</b>	<b>155</b>	<b>Vacant for rent</b> .....	<b>1 013</b>	<b>486</b>	<b>375</b>	<b>152</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	34	6	11	17	1 room .....	115	27	88	—
4 rooms .....	60	5	36	19	2 rooms .....	71	34	11	26
5 rooms .....	178	73	74	31	3 rooms .....	222	107	71	44
6 rooms .....	118	29	41	48	4 rooms .....	279	144	97	38
7 rooms or more .....	135	48	47	40	5 rooms .....	190	100	61	29
					6 rooms .....	77	44	29	4
					7 rooms or more .....	59	30	18	11
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	470	147	200	123	With all plumbing facilities .....	923	449	346	128
Lacking some or all plumbing facilities .....	55	14	9	32	Lacking some or all plumbing facilities .....	90	37	29	24
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	45	—	24	21	None .....	84	35	49	—
2 .....	209	41	104	64	1 .....	281	153	72	56
3 .....	149	36	57	56	2 .....	375	221	92	62
4 or more .....	94	36	35	23	3 or more .....	177	128	49	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	74	17	43	14	1969 to March 1970 .....	137	52	85	—
1960 to 1968 .....	72	36	26	10	1960 to 1968 .....	96	60	19	17
1950 to 1959 .....	93	32	47	14	1950 to 1959 .....	48	23	21	4
1949 or earlier .....	286	76	93	117	1949 or earlier .....	732	351	250	131
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	458	147	173	138	1 .....	297	124	107	66
2 or more .....	67	14	36	17	2 to 4 .....	322	145	130	47
					5 to 9 .....	149	110	34	5
<b>HEATING EQUIPMENT</b>					10 to 19 .....	92	65	12	15
Steam or hot water .....	96	16	37	43	20 or more .....	153	42	92	19
Warm-air furnace .....	319	112	136	71					
Built-in electric units .....	6	—	—	6					
Floor, wall, or pipeless furnace .....	12	2	3	7					
Other means .....	89	31	30	28					
None .....	3	—	3	—					
<b>SALES PRICE ASKED</b>					<b>RENT ASKED</b>				
<b>Specified vacant for sale<sup>1</sup></b> .....	<b>432</b>	<b>144</b>	<b>173</b>	<b>115</b>	<b>Specified vacant for rent<sup>2</sup></b> .....	<b>989</b>	<b>466</b>	<b>375</b>	<b>148</b>
Less than \$5,000 .....	54	15	12	27	Less than \$50 .....	68	26	38	4
\$5,000 to \$9,999 .....	85	31	19	35	\$50 to \$59 .....	31	10	15	6
\$10,000 to \$14,999 .....	91	25	42	24	\$60 to \$79 .....	206	98	82	26
\$15,000 to \$19,999 .....	73	38	23	12	\$80 to \$99 .....	266	92	133	41
\$20,000 to \$24,999 .....	25	18	4	3	\$100 to \$119 .....	163	93	27	43
\$25,000 to \$34,999 .....	63	17	41	5	\$120 to \$149 .....	181	116	52	13
\$35,000 to \$49,999 .....	41	—	32	9	\$150 to \$199 .....	49	20	17	12
\$50,000 or more .....	—	—	—	—	\$200 or more .....	25	11	11	3
Median price asked .....	\$14 200	\$15 100	\$17 900	\$9 500	Median rent asked .....	\$94	\$102	\$88	\$99

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A—10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA	Sales price asked—Vacant for sale <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
<b>Total</b> .....	<b>432</b>	<b>139</b>	<b>91</b>	<b>73</b>	<b>25</b>	<b>63</b>	<b>41</b>	<b>989</b>	<b>99</b>	<b>206</b>	<b>266</b>	<b>344</b>	<b>49</b>	<b>25</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	382	142	81	102	24	11	42	859	79	199	177	358	35	11
Lacking some or all plumbing facilities .....	45	11	—	12	—	22	—	37	—	25	—	12	—	—
<b>BEDROOMS</b>														
None and 1 .....	21	21	—	—	—	—	—	365	51	65	137	90	11	11
2 .....	163	85	35	43	—	—	—	375	12	110	24	205	24	—
3 .....	149	—	22	59	24	22	22	108	—	49	—	59	—	—
4 or more .....	94	47	24	12	—	11	—	48	16	—	16	16	—	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	64	3	5	9	—	29	18	137	—	5	79	47	6	—
1960 to 1968 .....	48	—	4	19	3	19	3	96	4	—	10	56	15	11
1950 to 1959 .....	93	21	19	12	15	15	11	48	6	—	16	23	3	—
1949 or earlier .....	227	115	63	33	7	—	9	708	89	201	161	218	25	14
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	273	22	52	64	119	13	3
2 to 4 .....	...	...	...	...	...	...	...	322	22	84	88	104	13	11
5 to 19 .....	...	...	...	...	...	...	...	241	40	51	24	101	14	11
20 or more .....	...	...	...	...	...	...	...	153	15	19	90	20	9	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	436	60	69	140	143	21	3
Some or no utilities included .....	...	...	...	...	...	...	...	553	39	137	126	201	28	22

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-11. Value of Owner Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## The SMSA

	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>3 231</b>	<b>145</b>	<b>330</b>	<b>497</b>	<b>795</b>	<b>512</b>	<b>699</b>	<b>151</b>	<b>60</b>	<b>30</b>	<b>12</b>	<b>12 000</b>
<b>ROOMS</b>												
1 and 2 rooms	21	11	—	—	4	6	—	—	—	—	—	...
3 rooms	42	—	11	7	6	9	5	—	4	—	—	...
4 rooms	349	27	59	58	99	40	45	16	—	5	—	10 800
5 rooms	1 128	58	115	125	269	184	295	54	21	7	—	12 500
6 rooms	752	20	54	122	185	115	186	43	19	—	8	12 400
7 rooms	533	7	83	83	123	101	94	22	16	—	4	11 900
8 rooms or more	406	8	—	102	109	57	74	16	—	18	—	11 600
Median	5.6	5.1	5.3	6.0	5.6	5.6	5.5	5.6	...	...	...	...
<b>PERSONS</b>												
1 person	193	42	32	37	36	26	15	—	—	5	—	9 000
2 persons	687	25	70	111	159	125	118	48	24	7	—	12 200
3 persons	510	19	69	56	149	46	129	18	10	6	8	11 900
4 persons	500	25	29	43	117	81	154	24	15	12	—	13 600
5 persons	443	10	37	76	121	63	104	28	—	—	4	12 000
6 persons or more	898	24	93	174	213	171	179	33	11	—	—	11 900
Median	4.0	2.8	3.4	4.5	4.0	4.2	4.1	3.9	...	...	...	...
Units with roomers, boarders, or lodgers	196	9	18	53	45	28	32	11	—	—	—	11 000
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>3 191</b>	<b>140</b>	<b>321</b>	<b>487</b>	<b>779</b>	<b>512</b>	<b>699</b>	<b>151</b>	<b>60</b>	<b>30</b>	<b>12</b>	<b>12 100</b>
0.50 or less	1 158	61	122	193	273	177	222	54	25	23	8	11 900
0.51 to 1.00	1 440	55	127	195	387	221	346	74	24	7	4	12 200
1.01 to 1.50	427	10	57	67	79	72	113	23	6	—	—	12 500
1.51 or more	166	14	15	32	40	42	18	—	5	—	—	11 400
<b>Lacking some or all plumbing facilities</b>	<b>40</b>	<b>5</b>	<b>9</b>	<b>10</b>	<b>16</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>...</b>
0.50 or less	14	—	9	5	—	—	—	—	—	—	—	...
0.51 to 1.00	15	—	—	5	—	—	—	—	—	—	—	...
1.01 to 1.50	5	—	—	—	5	—	—	—	—	—	—	...
1.51 or more	6	—	—	—	6	—	—	—	—	—	—	...
<b>BEDROOMS</b>												
None and 1	44	—	18	26	—	—	—	—	—	—	—	...
2	734	54	210	109	161	73	59	68	—	—	—	9 900
3	1 734	119	71	206	512	234	410	145	18	—	19	12 300
4 or more	789	—	60	161	319	83	125	18	—	23	—	11 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	99	—	—	5	—	5	74	6	6	—	3	...
1965 to 1968	298	6	—	16	45	34	115	44	28	5	5	16 700
1960 to 1964	309	—	5	10	59	74	113	27	10	7	4	15 300
1950 to 1959	653	22	49	57	211	125	156	33	—	—	—	12 400
1940 to 1949	443	—	59	52	117	84	91	25	10	5	—	12 400
1939 or earlier	1 429	117	217	357	363	190	150	16	6	13	—	10 200
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	2 857	122	317	434	675	522	637	80	56	14	—	12 100
2 and 2 1/2	216	7	—	30	57	23	71	16	6	—	—	14 000
3 or more	92	—	—	7	—	8	34	16	7	14	6	...
None or also used by another household	78	13	18	24	23	—	—	—	—	—	—	...
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>3 038</b>	<b>103</b>	<b>298</b>	<b>460</b>	<b>759</b>	<b>486</b>	<b>684</b>	<b>151</b>	<b>60</b>	<b>25</b>	<b>12</b>	<b>12 200</b>
Male head, wife present, no nonrelatives	2 419	75	220	350	623	381	566	107	60	25	12	12 300
Under 25 years	113	—	14	13	25	38	15	8	—	—	—	12 800
25 to 34 years	399	18	41	59	74	78	117	7	5	—	—	12 700
35 to 44 years	719	9	44	134	161	102	196	42	31	—	—	12 800
45 to 64 years	1 026	36	87	125	319	131	224	50	24	18	12	12 100
65 years and over	162	12	34	44	44	32	14	—	—	7	—	10 900
Other male head	156	4	19	30	50	20	18	15	—	—	—	11 300
Under 65 years	156	4	19	30	50	20	18	15	—	—	—	11 300
65 years and over	—	—	—	—	—	—	—	—	—	—	—	...
Female head	463	24	59	80	86	85	100	29	—	—	—	12 000
Under 65 years	416	24	54	74	75	71	89	29	—	—	—	11 900
65 years and over	47	—	5	6	11	14	—	—	—	—	—	...
<b>One-person households</b>	<b>193</b>	<b>42</b>	<b>32</b>	<b>37</b>	<b>36</b>	<b>26</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>5</b>	<b>—</b>	<b>9 000</b>
Under 65 years	119	21	11	33	27	11	11	—	—	5	—	9 600
65 years and over	74	21	21	4	9	15	4	—	—	—	—	...
<b>INCOME IN 1969</b>												
Less than \$2,000	303	54	54	57	47	43	28	12	—	5	3	9 400
\$2,000 to \$2,999	141	—	22	5	41	37	29	—	—	7	—	12 700
\$3,000 to \$3,999	183	10	20	28	44	24	39	18	—	—	—	11 900
\$4,000 to \$4,999	135	12	38	35	13	7	23	7	—	—	—	8 800
\$5,000 to \$5,999	149	5	20	35	33	21	24	5	—	—	—	11 100
\$6,000 to \$6,999	131	17	22	15	28	14	30	—	6	—	—	11 000
\$7,000 to \$9,999	833	26	97	124	203	122	201	35	21	—	4	12 100
\$10,000 to \$14,999	894	16	43	142	285	121	214	36	19	13	5	12 200
\$15,000 to \$24,999	410	5	14	56	77	114	101	24	14	5	—	13 700
\$25,000 or more	52	—	—	—	24	9	10	9	—	—	—	...
Median	\$9 100	\$4 700	\$6 500	\$8 800	\$9 800	\$9 700	\$9 600	\$9 400	...	...	...	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	452	—	44	22	90	105	151	13	20	7	—	14 200
1968	270	8	13	17	49	70	79	15	19	—	—	14 200
1967	218	8	21	51	43	39	36	7	6	7	—	11 700
1965 and 1966	489	30	42	69	96	83	134	15	7	7	6	12 700
1960 to 1964	875	33	38	113	289	162	197	30	—	—	—	12 200
1950 to 1959	803	36	152	198	182	69	124	25	17	—	—	10 200
1949 or earlier	136	27	25	25	6	25	21	7	—	—	—	9 100
<b>HEATING EQUIPMENT</b>												
Steam or hot water	271	19	13	46	85	39	30	25	14	—	—	11 700
Warm-air furnace	1 758	25	83	185	465	320	511	98	41	18	12	13 400
Built-in electric units	84	10	5	17	33	5	9	—	5	—	—	...
Floor, wall, or pipeless furnace	224	4	26	52	65	34	38	5	—	—	—	11 200
Other means	894	87	203	197	147	114	111	23	—	12	—	9 500
None	—	—	—	—	—	—	—	—	—	—	—	...
<b>AIR CONDITIONING</b>												
Room unit(s)	301	21	6	27	70	52	88	25	5	7	—	13 800
Central system	65	—	15	8	8	7	14	—	—	7	6	...
None	2 877	121	314	460	677	494	640	87	64	14	6	12 000

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

Table A-12. Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>	<b>2 861</b>	<b>108</b>	<b>126</b>	<b>206</b>	<b>271</b>	<b>468</b>	<b>569</b>	<b>755</b>	<b>324</b>	<b>22</b>	<b>-</b>	<b>12</b>	<b>109</b>
<b>ROOMS</b>													
1 room	42	5	7	17	4	9	-	-	-	-	-	-	...
2 rooms	176	33	26	32	18	27	28	4	-	-	-	8	68
3 rooms	496	42	36	31	65	120	86	107	5	-	-	4	89
4 rooms	751	18	48	60	58	128	148	236	45	10	-	-	109
5 rooms	617	10	9	31	60	105	183	127	92	-	-	-	110
6 rooms	459	-	-	29	43	58	89	147	87	6	-	-	122
7 rooms	197	-	-	-	23	16	24	84	44	6	-	-	133
8 rooms or more	123	-	-	6	-	5	11	50	51	-	-	-	144
Median	4.5	2.9	3.3	3.9	4.3	4.1	4.6	4.7	5.7	...	-	...	...
<b>PERSONS</b>													
1 person	559	78	38	64	81	99	100	70	21	-	-	8	82
2 persons	573	6	43	41	35	125	154	146	15	4	-	4	104
3 persons	505	9	32	23	18	82	106	174	61	-	-	-	117
4 persons	352	6	8	19	38	62	80	89	44	6	-	-	111
5 persons	300	4	5	30	29	30	55	111	24	12	-	-	119
6 persons or more	572	5	-	29	70	70	74	165	159	-	-	-	127
Median	3.1	1.2	2.1	2.5	3.5	2.6	2.8	3.4	5.4	...	-	...	...
Units with roomers, boarders, or lodgers	142	-	-	-	14	28	36	46	18	-	-	-	116
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>2 712</b>	<b>71</b>	<b>94</b>	<b>200</b>	<b>256</b>	<b>446</b>	<b>536</b>	<b>755</b>	<b>324</b>	<b>22</b>	<b>-</b>	<b>8</b>	<b>111</b>
0.50 or less	978	45	28	70	104	188	229	232	74	4	-	4	105
0.51 to 1.00	1 226	21	61	93	79	205	222	364	165	12	-	4	114
1.01 to 1.50	406	5	5	27	58	31	75	148	51	6	-	-	120
1.51 or more	102	-	-	10	15	22	10	11	34	-	-	-	108
<b>Lacking some or all plumbing facilities</b>	<b>149</b>	<b>37</b>	<b>32</b>	<b>6</b>	<b>15</b>	<b>22</b>	<b>33</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>66</b>
0.50 or less	62	28	19	-	6	9	15	13	-	-	-	-	...
0.51 to 1.00	61	5	13	6	-	15	13	-	-	-	-	-	...
1.01 to 1.50	19	4	-	-	-	7	-	-	-	-	-	-	...
1.51 or more	7	-	-	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>													
None	60	20	-	20	-	-	20	-	-	-	-	-	...
1	728	102	79	40	80	191	76	100	40	-	-	20	85
2	1 214	39	92	55	57	314	194	346	93	24	-	-	105
3 or more	836	-	-	41	127	80	164	252	172	-	-	-	121
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	27	5	-	-	-	5	-	10	7	-	-	-	...
1965 to 1968	139	-	-	-	-	8	24	67	40	-	-	-	137
1960 to 1964	153	9	-	38	30	14	14	7	35	6	-	-	80
1950 to 1959	341	16	57	68	55	50	29	34	20	12	-	-	75
1940 to 1949	278	-	-	6	25	35	98	89	25	-	-	-	115
1939 or earlier	1 923	78	69	94	161	356	404	548	197	4	-	12	110
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	61	21	-	20	-	-	-	-	20	-	-	-	...
With elevator	61	21	-	20	-	-	-	-	20	-	-	-	...
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	2 777	140	171	136	264	585	454	698	285	24	-	20	104
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	2 672	60	87	188	280	376	569	773	309	21	-	9	112
2 or more	33	-	-	11	-	-	-	9	13	-	-	-	...
None or also used by another household	157	26	25	12	6	43	26	14	-	-	-	5	82
<b>INCOME IN 1969</b>													
Less than \$2,000	661	61	48	64	59	110	93	134	84	-	-	8	96
\$2,000 to \$2,999	280	-	27	35	25	57	73	48	11	-	-	4	98
\$3,000 to \$3,999	260	4	5	27	41	35	53	75	20	-	-	-	107
\$4,000 to \$4,999	148	-	10	23	7	29	25	54	-	-	-	-	104
\$5,000 to \$5,999	188	9	5	18	32	41	28	26	29	-	-	-	95
\$6,000 to \$6,999	254	-	24	5	24	43	46	91	15	6	-	-	113
\$7,000 to \$9,999	619	23	7	34	46	106	155	155	89	4	-	-	112
\$10,000 to \$14,999	350	6	-	-	37	37	79	123	56	12	-	-	124
\$15,000 to \$24,999	85	5	-	-	-	5	17	43	15	-	-	-	...
\$25,000 or more	16	-	-	-	-	5	-	6	5	-	-	-	...
Median	\$5 500	\$2000-	\$2 600	\$3 100	\$5 100	\$5 100	\$6 300	\$6 400	\$7 100	...	-	...	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	1 001	19	19	75	56	145	179	346	149	13	-	-	121
1968	561	17	23	22	17	72	128	204	65	8	-	5	120
1967	265	-	-	12	35	28	125	28	28	-	-	9	108
1965 and 1966	333	14	37	24	57	73	41	63	24	-	-	-	88
1960 to 1964	419	6	18	68	54	68	71	93	41	-	-	-	99
1950 to 1959	214	13	6	10	55	22	37	56	15	-	-	-	101
1949 or earlier	69	17	9	-	12	11	14	6	-	-	-	-	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	200	39	11	5	43	47	17	33	5	-	-	...	81
10 to 14 percent	495	4	25	52	58	97	128	121	10	-	-	...	102
15 to 19 percent	443	4	10	23	38	67	118	131	52	-	-	...	113
20 to 24 percent	292	-	5	20	18	45	53	89	6	6	-	...	122
25 to 34 percent	364	10	35	22	45	45	45	83	10	10	-	...	111
35 percent or more	894	40	22	71	57	127	187	262	122	6	-	...	114
Not computed	173	11	18	13	12	40	21	36	10	-	-	12	90
<b>AIR CONDITIONING</b>													
Room unit(s)	71	-	-	5	-	-	29	8	22	7	-	-	...
Central system	35	-	-	-	-	7	12	16	-	-	-	-	...
None	2 756	86	112	206	286	412	554	772	300	14	-	14	110

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-13. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Owner occupied housing units</b>	<b>3 685</b>	<b>406</b>	<b>176</b>	<b>198</b>	<b>149</b>	<b>196</b>	<b>144</b>	<b>922</b>	<b>993</b>	<b>449</b>	<b>52</b>	<b>8 900</b>
<b>ROOMS</b>												
1 and 2 rooms	26	5	—	—	—	—	4	6	11	—	—	...
3 rooms	77	17	7	—	—	5	—	27	9	7	5	...
4 rooms	430	41	20	27	34	25	15	129	94	45	—	8 200
5 rooms	1 251	124	77	87	36	47	65	332	347	124	12	8 700
6 rooms	851	108	42	27	28	42	14	244	222	103	21	9 000
7 rooms or more	1 050	111	30	57	51	77	46	184	310	170	14	9 500
<b>PERSONS</b>												
1 person	275	137	22	29	16	5	9	45	12	—	—	2 000
2 persons	770	92	65	54	60	45	43	231	167	9	4	7 300
3 and 4 persons	1 152	79	38	61	25	61	47	286	310	233	12	9 800
5 persons	467	23	4	29	18	10	4	117	176	75	11	10 800
6 persons or more	1 021	75	47	25	30	75	41	243	328	132	25	9 700
Units with roomers, boarders, or lodgers	240	59	—	41	20	23	—	38	36	13	10	5 000
<b>BEDROOMS</b>												
Less than 3	1 049	154	104	152	15	22	24	349	132	97	—	7 500
3	1 790	147	61	61	27	109	44	551	60	235	38	9 400
4 or more	860	82	23	43	69	47	25	189	214	151	17	9 200
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	114	18	20	—	9	—	4	58	5	—	—	7 300
1960 to 1968	688	54	11	40	26	28	26	149	251	99	4	10 200
1950 to 1959	699	68	11	31	15	11	29	212	218	81	23	9 600
1949 or earlier	2 184	266	134	127	99	157	85	503	519	269	25	8 300
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	541	61	46	20	17	29	19	178	106	59	6	8 300
1968	305	18	7	—	—	28	26	75	127	24	—	9 900
1960 to 1967	1 767	179	30	75	80	76	67	432	551	233	44	9 600
1959 or earlier	1 101	167	83	95	74	61	48	230	243	100	—	7 300
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	2 214	269	81	212	42	76	49	481	601	348	55	9 400
Clothes dryer	1 604	154	42	169	15	59	25	387	400	336	17	9 600
Dishwasher	112	19	20	—	—	—	—	23	50	—	—	...
Home food freezer	1 362	121	37	98	40	77	24	316	398	213	38	9 700
Owned second home	156	—	—	18	—	—	—	17	48	73	—	...
With air conditioning	397	30	18	29	23	19	8	128	79	51	12	8 700
Room unit(s)	319	23	6	29	7	12	8	105	73	44	12	9 100
Central system	78	7	12	—	16	7	—	23	6	7	—	...
Automobiles available:												
1	1 790	167	73	119	111	143	101	547	359	153	17	8 000
2	1 287	74	27	36	27	23	39	280	544	212	25	11 300
3 or more	192	7	—	—	—	12	—	36	78	51	8	12 600
<b>Renter occupied housing units</b>	<b>2 892</b>	<b>666</b>	<b>280</b>	<b>260</b>	<b>148</b>	<b>188</b>	<b>260</b>	<b>634</b>	<b>355</b>	<b>85</b>	<b>16</b>	<b>5 500</b>
<b>ROOMS</b>												
1 room	42	21	4	—	—	—	—	12	—	5	—	...
2 rooms	176	44	20	10	5	8	30	49	—	5	5	6 000
3 rooms	496	163	44	26	28	36	65	96	32	6	—	4 500
4 rooms	770	217	79	84	59	38	50	126	107	10	—	4 100
5 rooms	629	104	49	23	57	28	166	102	28	—	—	6 300
6 rooms or more	779	117	61	91	33	49	87	185	114	31	11	6 400
<b>PERSONS</b>												
1 person	568	185	51	40	25	60	53	144	5	5	—	4 300
2 persons	573	143	74	31	48	12	55	137	63	10	—	4 800
3 and 4 persons	867	213	85	87	38	44	90	154	128	28	—	5 200
5 persons	306	34	29	28	13	18	35	61	61	27	—	6 900
6 persons or more	578	91	41	74	24	54	27	138	98	15	16	6 200
Units with roomers, boarders, or lodgers	142	36	10	6	11	—	11	43	25	—	—	6 700
<b>BEDROOMS</b>												
None	60	20	—	—	—	—	—	20	—	20	—	...
1	728	237	117	19	16	99	202	38	—	—	—	3 500
2	1 250	297	133	133	114	100	51	156	225	41	—	4 500
3 or more	836	123	21	102	60	61	74	277	101	17	—	6 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	27	22	5	—	—	—	—	—	—	—	—	...
1960 to 1968	302	113	14	39	8	11	5	51	56	5	—	3 600
1950 to 1959	347	63	51	29	23	52	41	53	25	10	—	5 100
1949 or earlier	2 216	468	210	192	117	125	214	530	274	70	16	6 000
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 010	234	91	89	56	71	138	208	94	22	7	5 500
1968	571	156	63	48	27	14	44	104	78	30	7	4 700
1960 to 1967	1 017	177	119	71	37	79	89	272	126	38	9	6 300
1959 or earlier	297	68	20	48	7	27	10	62	55	—	—	5 200
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	2 861	661	280	260	148	188	254	619	350	85	16	5 400
Less than 15 percent	695	—	—	—	—	32	52	251	264	80	16	10 200
15 to 19 percent	443	—	—	4	33	47	63	230	61	5	—	8 000
20 to 24 percent	292	—	—	36	26	45	74	92	19	—	—	6 500
25 to 34 percent	364	18	57	83	48	47	59	46	6	—	—	4 500
35 percent or more	894	474	219	137	41	17	6	—	—	—	—	2000—
Not computed	173	169	4	—	—	—	—	—	—	—	—	2000—
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	594	175	19	43	20	41	18	98	163	17	—	6 000
Clothes dryer	259	59	—	22	—	—	—	77	84	17	—	...
Dishwasher	18	—	—	—	—	—	—	18	—	—	—	...
Home food freezer	276	57	18	18	38	—	50	34	61	—	—	...
Owned second home	—	—	—	—	—	—	—	—	—	—	—	...
With air conditioning	106	27	20	—	—	6	9	23	14	7	—	...
Room unit(s)	71	20	8	—	—	6	—	23	7	7	—	...
Central system	35	7	12	—	—	—	9	—	7	—	—	...
Automobiles available:												
1	1 379	187	55	80	90	102	151	438	225	44	7	7 200
2	190	9	5	—	—	7	20	67	68	14	—	9 400
3 or more	22	—	6	—	—	—	—	—	7	9	—	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-14. **Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
<b>Owner occupied housing units</b> .....	<b>3 685</b>	<b>3 624</b>	<b>1 339</b>	<b>1 629</b>	<b>471</b>	<b>185</b>	<b>61</b>	<b>28</b>	<b>22</b>	<b>5</b>	<b>6</b>
<b>PERSONS</b>											
1 person .....	275	265	265	-	-	-	10	10	-	-	-
2 persons .....	770	757	722	30	-	5	13	13	-	-	-
3 persons .....	602	592	47	317	-	-	10	5	5	-	-
4 persons .....	550	545	27	481	17	-	5	-	5	-	-
5 persons .....	467	467	30	393	32	12	-	-	-	-	-
6 persons or more .....	1 021	998	-	408	422	168	23	-	12	5	6
Median .....	3.9	3.9	2.1	4.5	6.9	7.5+	...	...	...	...	...
Units with roomers, boarders, or lodgers .....	240	240	77	134	18	11	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	96	96	6	45	33	12	-	-	-	-	-
1965 to 1968 .....	349	342	63	220	36	23	7	-	7	-	-
1960 to 1964 .....	360	360	96	188	51	25	-	-	-	-	-
1950 to 1959 .....	695	677	276	291	67	43	18	11	7	-	-
1940 to 1949 .....	542	528	183	221	90	34	14	-	7	7	-
1939 or earlier .....	1 672	1 642	741	679	174	48	30	21	-	-	9
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	406	383	238	94	35	16	23	18	5	-	-
\$2,000 to \$2,999 .....	176	165	87	57	10	11	11	5	-	-	6
\$3,000 to \$3,999 .....	198	198	107	75	10	6	-	-	-	-	-
\$4,000 to \$4,999 .....	149	144	84	40	20	6	5	-	5	-	-
\$5,000 to \$5,999 .....	196	196	92	73	26	5	-	-	-	-	-
\$6,000 to \$6,999 .....	144	139	59	54	22	4	5	-	5	-	-
\$7,000 to \$9,999 .....	922	917	358	372	132	55	5	5	-	-	-
\$10,000 to \$14,999 .....	993	988	250	519	147	72	5	-	-	5	-
\$15,000 to \$24,999 .....	449	442	60	316	50	16	7	-	7	-	-
\$25,000 or more .....	52	52	4	29	19	-	-	-	-	-	-
Median .....	\$8 900	\$8 900	\$7 000	\$10 500	\$9 600	\$9 800	...	...	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	3 231	3 191	1 158	1 440	427	166	40	14	15	5	6
Less than 1.5 .....	1 697	1 682	433	896	256	97	15	5	5	5	-
1.5 to 1.9 .....	466	461	189	177	73	22	5	-	5	-	-
2.0 to 2.4 .....	271	266	126	98	33	9	5	5	-	-	-
2.5 to 2.9 .....	145	145	68	60	12	5	-	-	-	-	-
3.0 to 3.9 .....	148	148	91	42	5	10	-	-	-	-	-
4.0 or more .....	443	428	225	137	48	18	15	4	5	-	6
Not computed .....	61	61	26	30	-	5	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	324	318	147	115	46	10	6	6	-	-	-
Warm-air furnace .....	1 964	1 959	644	970	274	71	5	-	-	5	-
Built-in electric units .....	106	106	28	64	14	-	-	-	-	-	-
Floor, wall, or pipeless furnace .....	265	265	135	100	15	15	-	-	-	-	-
Other means .....	1 026	976	385	380	122	89	50	22	22	-	6
None .....	-	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b> .....	<b>2 892</b>	<b>2 743</b>	<b>987</b>	<b>1 242</b>	<b>412</b>	<b>102</b>	<b>149</b>	<b>62</b>	<b>61</b>	<b>19</b>	<b>7</b>
<b>PERSONS</b>											
1 person .....	568	486	469	17	-	-	82	62	20	-	-
2 persons .....	573	549	389	160	-	-	24	-	24	-	-
3 persons .....	510	489	100	380	4	5	21	-	12	9	-
4 persons .....	357	350	23	289	38	-	7	-	-	-	7
5 persons .....	306	301	6	212	73	10	5	-	5	-	-
6 persons or more .....	578	568	-	184	297	87	10	-	-	10	-
Median .....	3.1	3.2	1.6	3.7	6.5	7.5+	1.4	...	...	...	...
Units with roomers, boarders, or lodgers .....	142	131	49	53	22	7	11	-	11	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	16	16	9	7	-	-	-	-	-	-	-
1965 to 1968 .....	155	155	31	86	38	-	-	-	-	-	-
1960 to 1964 .....	159	159	51	85	23	-	-	-	-	-	-
1950 to 1959 .....	342	342	76	189	49	28	-	-	-	-	-
1940 to 1949 .....	303	295	94	124	77	-	8	-	-	8	-
1939 or earlier .....	1 920	1 803	706	791	229	77	117	42	65	-	10
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	666	627	255	273	93	6	39	17	15	-	7
\$2,000 to \$2,999 .....	280	263	105	130	28	-	17	6	11	-	-
\$3,000 to \$3,999 .....	260	246	78	144	24	-	14	-	-	14	-
\$4,000 to \$4,999 .....	148	143	66	46	31	-	5	-	5	-	-
\$5,000 to \$5,999 .....	188	184	72	54	41	17	-	4	-	-	-
\$6,000 to \$6,999 .....	260	238	100	108	16	14	22	16	6	-	-
\$7,000 to \$9,999 .....	634	591	233	251	76	31	43	19	19	5	-
\$10,000 to \$14,999 .....	355	355	67	178	86	24	-	-	-	-	-
\$15,000 to \$24,999 .....	85	80	11	52	17	-	5	-	5	-	-
\$25,000 or more .....	16	16	-	6	-	10	-	-	-	-	-
Median .....	\$5 500	\$5 500	\$4 800	\$5 500	\$5 700	\$8 400	\$4 900	...	...	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	2 861	2 712	978	1 226	406	102	149	62	61	19	7
Less than 10 percent .....	200	165	26	86	31	22	35	23	12	-	-
10 to 14 percent .....	495	472	152	220	81	19	23	11	12	-	-
15 to 19 percent .....	443	429	166	173	58	32	14	5	-	9	-
20 to 24 percent .....	292	286	120	128	27	11	6	-	6	-	-
25 to 34 percent .....	364	353	119	161	61	12	11	6	5	-	-
35 percent or more .....	894	851	323	401	121	6	43	13	20	10	-
Not computed .....	173	156	72	57	27	-	17	4	6	-	7
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	390	334	172	113	42	7	56	20	19	10	7
Warm-air furnace .....	1 235	1 176	367	569	177	63	59	33	22	4	-
Built-in electric units .....	133	133	50	70	13	-	-	-	-	-	-
Floor, wall, or pipeless furnace .....	270	266	85	116	59	6	4	4	-	-	-
Other means .....	853	823	308	368	121	26	30	5	20	5	-
None .....	11	11	5	6	-	-	-	-	-	-	-

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-15. Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## The SMSA

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b> .....	<b>3 685</b>	<b>5</b>	<b>21</b>	<b>77</b>	<b>430</b>	<b>1 251</b>	<b>851</b>	<b>561</b>	<b>489</b>	<b>5.6</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	3 610	—	21	85	405	1 214	879	550	456	5.6
<b>PERSONS</b> .....										
1 person .....	275	—	—	21	66	68	67	30	23	5.2
2 persons .....	770	5	15	15	117	331	157	67	63	5.2
3 persons .....	602	—	—	13	117	192	147	72	61	5.4
4 persons .....	550	—	—	17	53	213	121	99	47	5.5
5 persons .....	467	—	6	6	32	171	98	80	74	5.7
6 persons or more .....	1 021	—	—	5	45	276	261	213	221	6.2
Median .....	3.9	...	...	...	2.8	3.7	4.0	4.7	5.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....										
<b>With all plumbing facilities</b> .....	<b>3 624</b>	<b>5</b>	<b>21</b>	<b>77</b>	<b>410</b>	<b>1 246</b>	<b>828</b>	<b>555</b>	<b>482</b>	<b>5.6</b>
0.50 or less .....	1 339	—	—	21	168	399	358	169	224	5.7
0.51 to 1.00 .....	1 629	—	15	28	165	571	319	297	234	5.6
1.01 to 1.50 .....	471	—	—	17	45	199	122	64	24	5.4
1.51 or more .....	185	5	6	11	32	77	25	25	—	5.0
<b>Lacking some or all plumbing facilities</b> .....	<b>61</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>20</b>	<b>5</b>	<b>23</b>	<b>6</b>	<b>7</b>	<b>...</b>
0.50 or less .....	28	—	—	—	15	—	13	—	—	...
0.51 to 1.00 .....	22	—	—	—	5	5	5	—	7	...
1.01 to 1.50 .....	5	—	—	—	—	—	5	—	—	...
1.51 or more .....	6	—	—	—	—	—	—	6	—	...
<b>BEDROOMS</b> .....										
None and 1 .....	101	—	—	83	18	—	—	—	—	...
2 .....	948	—	—	—	355	475	75	19	24	4.8
3 .....	1 790	—	—	—	18	841	523	291	117	5.6
4 or more .....	860	—	—	—	—	17	118	269	456	7.5+
<b>YEAR STRUCTURE BUILT</b> .....										
1969 to March 1970 .....	114	—	—	—	4	61	49	—	—	5.4
1940 to 1968 .....	688	—	6	14	74	345	153	72	24	5.2
1950 to 1959 .....	699	—	4	16	126	335	125	69	24	5.1
1949 or earlier .....	2 184	5	11	47	226	510	524	420	441	6.1
<b>COMPLETE BATHROOMS</b> .....										
1 and 1 1/2 .....	3 245	—	26	85	385	1 149	803	473	324	5.5
2 or more .....	370	—	—	—	20	65	76	77	132	6.8
None or also used by another household .....	99	6	—	—	26	20	27	15	5	...
<b>VALUE-INCOME RATIO</b> .....										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>3 231</b>	<b>5</b>	<b>16</b>	<b>42</b>	<b>349</b>	<b>1 128</b>	<b>752</b>	<b>533</b>	<b>406</b>	<b>5.6</b>
Less than 1.5 .....	1 697	—	6	26	195	561	377	318	214	5.7
1.5 to 1.9 .....	466	—	10	—	42	162	101	76	75	5.7
2.0 to 2.9 .....	416	—	—	—	60	168	116	36	36	5.4
3.0 or more .....	591	—	—	10	52	215	143	95	76	5.6
Not computed .....	61	5	—	6	—	22	15	8	5	...
<b>Renter occupied housing units</b> .....	<b>2 892</b>	<b>42</b>	<b>176</b>	<b>496</b>	<b>770</b>	<b>629</b>	<b>459</b>	<b>197</b>	<b>123</b>	<b>4.5</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	2 699	13	113	467	676	625	484	209	112	4.6
<b>PERSONS</b> .....										
1 person .....	568	37	92	236	117	50	27	9	—	3.2
2 persons .....	573	—	54	130	206	124	33	10	16	4.0
3 persons .....	510	5	13	64	208	120	66	25	9	4.3
4 persons .....	357	—	7	38	123	97	48	21	23	4.6
5 persons .....	306	—	5	5	73	104	83	20	16	5.2
6 persons or more .....	578	—	5	23	43	134	202	112	59	5.9
Median .....	3.1	...	1.5	1.6	2.8	3.7	5.2	5.8	5.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....										
<b>With all plumbing facilities</b> .....	<b>2 743</b>	<b>22</b>	<b>105</b>	<b>465</b>	<b>758</b>	<b>614</b>	<b>459</b>	<b>197</b>	<b>123</b>	<b>4.5</b>
0.50 or less .....	987	—	55	211	323	174	126	44	54	4.2
0.51 to 1.00 .....	1 242	17	36	188	319	316	201	118	47	4.7
1.01 to 1.50 .....	412	—	4	38	100	115	109	30	16	5.1
1.51 or more .....	102	5	10	28	16	9	23	5	6	4.0
<b>Lacking some or all plumbing facilities</b> .....	<b>149</b>	<b>20</b>	<b>71</b>	<b>31</b>	<b>12</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2.3</b>
0.50 or less .....	62	—	37	25	—	—	—	—	—	...
0.51 to 1.00 .....	61	20	18	6	12	5	—	—	—	...
1.01 to 1.50 .....	19	—	9	—	—	10	—	—	—	...
1.51 or more .....	7	—	7	—	—	—	—	—	—	...
<b>BEDROOMS</b> .....										
None .....	60	40	—	20	—	—	—	—	—	...
1 .....	728	—	158	363	191	16	—	—	—	3.1
2 .....	1 250	—	—	81	716	433	20	—	—	4.3
3 or more .....	836	—	—	—	15	117	379	160	165	6.3
<b>YEAR STRUCTURE BUILT</b> .....										
1969 to March 1970 .....	27	5	—	5	5	5	7	—	—	...
1940 to 1968 .....	302	—	5	30	131	81	44	11	—	4.4
1950 to 1959 .....	347	5	10	46	111	93	59	6	17	4.5
1949 or earlier .....	2 216	32	161	415	523	450	349	180	106	4.5
<b>COMPLETE BATHROOMS</b> .....										
1 and 1 1/2 .....	2 705	13	118	483	671	632	475	201	112	4.6
2 or more .....	33	—	—	—	11	—	9	13	—	...
None or also used by another household .....	157	29	64	24	20	20	—	—	—	2.3
<b>GROSS RENT AS PERCENTAGE OF INCOME</b> .....										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>2 861</b>	<b>42</b>	<b>176</b>	<b>496</b>	<b>751</b>	<b>617</b>	<b>459</b>	<b>197</b>	<b>123</b>	<b>4.5</b>
Less than 10 percent .....	200	17	35	21	43	42	14	23	5	4.1
10 to 14 percent .....	495	—	39	86	108	153	75	18	16	4.6
15 to 19 percent .....	443	—	22	103	96	99	72	24	27	4.5
20 to 24 percent .....	292	—	12	26	62	62	79	26	25	5.2
25 to 34 percent .....	364	—	14	55	115	53	70	42	15	4.5
35 percent or more .....	894	25	29	164	278	180	133	50	35	4.3
Not computed .....	173	—	25	41	49	28	16	14	—	3.9

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-16. Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units .....	3 685	3 385	300	-	2 892	1 132	704	712	230	55	43	16
<b>ROOMS</b>												
1 room .....	5	5	-	-	42	-	-	9	5	16	12	-
2 rooms .....	21	16	5	-	176	17	16	61	50	18	14	-
3 rooms .....	77	42	35	-	496	39	161	221	65	5	5	-
4 rooms .....	430	364	66	-	770	212	237	246	42	10	12	11
5 rooms .....	1 251	1 157	94	-	629	303	160	113	47	6	-	-
6 rooms .....	851	808	43	-	459	295	94	55	15	-	-	-
7 rooms .....	561	548	13	-	197	149	30	7	6	-	-	5
8 rooms or more .....	489	445	44	-	123	117	6	-	-	-	-	-
Median .....	5.6	5.6	5.0	-	4.5	5.5	4.2	3.8	3.4	...	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	3 624	3 330	294	-	2 743	1 122	689	657	184	32	43	16
0.50 or less .....	1 339	1 183	156	-	987	322	281	278	54	22	25	5
0.51 to 1.00 .....	1 629	1 510	119	-	1 242	560	314	251	78	10	18	11
1.01 to 1.50 .....	471	461	10	-	412	197	64	117	34	-	-	-
1.51 or more .....	185	176	9	-	102	43	30	11	18	-	-	-
Lacking some or all plumbing facilities .....	61	55	6	-	149	10	15	55	46	23	-	-
0.50 or less .....	28	22	6	-	62	-	4	25	33	-	-	-
0.51 to 1.00 .....	22	22	-	-	61	10	7	15	6	23	-	-
1.01 to 1.50 .....	5	5	-	-	19	-	4	15	-	-	-	-
1.51 or more .....	6	6	-	-	7	-	-	-	7	-	-	-
<b>BEDROOMS</b>												
None .....	-	-	-	-	60	-	-	40	-	-	20	-
1 .....	101	44	57	-	728	19	213	311	104	20	61	-
2 .....	948	798	150	-	1 250	482	387	290	38	-	32	21
3 .....	1 790	1 790	-	-	593	453	59	39	42	-	-	-
4 or more .....	860	835	25	-	243	181	62	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	114	114	-	-	27	17	-	-	-	-	10	-
1965 to 1968 .....	350	327	23	-	149	123	8	7	-	5	6	-
1960 to 1964 .....	338	314	24	-	153	57	23	54	14	5	-	-
1950 to 1959 .....	699	680	19	-	347	137	41	84	78	-	-	7
1940 to 1949 .....	516	470	46	-	293	147	73	60	13	-	-	-
1939 or earlier .....	1 668	1 480	188	-	1 923	651	559	507	125	45	27	9
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	406	338	68	-	666	210	128	214	73	11	23	7
\$2,000 to \$2,999 .....	176	149	27	-	280	93	77	84	18	4	4	-
\$3,000 to \$3,999 .....	198	183	15	-	260	85	93	76	6	-	-	-
\$4,000 to \$4,999 .....	149	141	8	-	148	44	56	42	6	-	-	-
\$5,000 to \$5,999 .....	196	167	29	-	188	83	25	39	31	6	4	-
\$6,000 to \$6,999 .....	144	131	13	-	260	87	66	57	34	5	6	5
\$7,000 to \$9,999 .....	922	859	63	-	634	281	147	122	50	24	6	4
\$10,000 to \$14,999 .....	993	938	55	-	355	186	89	63	12	5	-	-
\$15,000 to \$24,999 .....	449	427	22	-	85	47	23	15	-	-	-	-
\$25,000 or more .....	52	52	-	-	16	16	-	-	-	-	-	-
Median .....	\$8 900	\$9 000	\$6 200	-	\$5 500	\$6 600	\$5 000	\$3 800	\$5 400	...	...	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	541	465	76	-	1 010	388	287	184	73	49	12	17
1968 .....	305	287	18	-	571	211	155	141	52	12	-	-
1967 .....	224	224	-	-	265	111	55	76	23	-	-	-
1965 and 1966 .....	576	527	49	-	333	122	65	91	36	11	8	-
1960 to 1964 .....	967	919	48	-	419	186	85	121	27	-	-	-
1950 to 1959 .....	849	764	85	-	202	92	37	58	15	-	-	-
1949 or earlier .....	252	204	48	-	95	37	12	46	-	-	-	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup> .....	...	...	...	...	2 861	1 101	704	712	230	55	43	16
Less than \$50 .....	...	...	...	...	108	9	9	51	28	-	11	-
\$50 to \$59 .....	...	...	...	...	126	10	4	71	28	13	-	-
\$60 to \$69 .....	...	...	...	...	206	21	57	86	20	11	11	-
\$70 to \$79 .....	...	...	...	...	271	60	57	98	46	10	-	-
\$80 to \$99 .....	...	...	...	...	468	130	144	129	56	-	5	4
\$100 to \$119 .....	...	...	...	...	569	245	156	135	33	-	-	-
\$120 to \$149 .....	...	...	...	...	755	374	229	117	11	11	6	7
\$150 to \$199 .....	...	...	...	...	324	234	44	21	4	10	6	5
\$200 to \$299 .....	...	...	...	...	22	18	-	4	-	-	-	-
\$300 or more .....	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent .....	...	...	...	...	12	-	4	-	4	-	4	-
Median .....	...	...	...	...	\$109	\$126	\$110	\$86	\$78	...	...	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water .....	324	277	47	-	390	99	93	100	65	20	13	-
Warm-air furnace .....	1 964	1 819	145	-	1 235	472	327	268	115	29	13	11
Built-in electric units .....	106	100	6	-	133	61	29	32	6	-	5	-
Floor, wall, or pipeless furnace .....	265	241	24	-	270	107	51	75	26	-	6	5
Other means .....	1 026	948	78	-	853	393	204	226	18	6	6	-
None .....	-	-	-	-	11	-	-	11	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s) .....	319	301	18	-	71	39	14	7	-	11	-	-
Central system .....	78	65	13	-	35	14	5	9	-	-	7	-
None .....	3 317	3 024	293	-	2 789	1 094	677	701	226	61	13	17
<b>AUTOMOBILES AVAILABLE</b>												
1 .....	1 790	1 567	223	-	1 379	581	396	260	84	53	5	-
2 .....	1 287	1 253	34	-	190	149	21	20	-	-	-	-
3 or more .....	192	171	21	-	22	-	15	7	-	-	-	-
None .....	445	399	46	-	1 304	417	264	430	142	19	15	17

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-17. Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years and over	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	3 685	128	465	799	1 093	193	193	—	484	55	176	99
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 624	128	465	789	1 071	187	180	—	484	55	172	93
0.50 or less	1 339	44	67	126	431	133	91	—	127	55	172	93
0.51 to 1.00	1 629	79	305	411	518	36	53	—	227	—	—	—
1.01 to 1.50	471	5	71	169	78	13	36	—	99	—	—	—
1.51 or more	185	—	22	83	44	5	—	—	31	—	—	—
Lacking some or all plumbing facilities	61	—	—	10	22	6	13	—	—	—	4	6
0.50 or less	28	—	—	—	5	—	13	—	—	—	4	6
0.51 to 1.00	22	—	—	5	17	—	—	—	—	—	—	—
1.01 to 1.50	5	—	—	5	—	—	—	—	—	—	—	—
1.51 or more	6	—	—	—	—	6	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	3 385	113	411	780	1 038	167	176	—	446	50	123	81
2 or more	300	15	54	19	55	26	17	—	38	5	53	18
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—
INCOME IN 1969												
Less than \$2,000	406	17	6	22	56	14	23	—	103	28	72	65
\$2,000 to \$2,999	176	—	5	7	25	41	5	—	59	12	9	13
\$3,000 to \$3,999	198	8	—	21	53	41	13	—	33	—	19	10
\$4,000 to \$4,999	149	8	5	—	38	30	6	—	37	9	10	6
\$5,000 to \$5,999	196	—	—	34	62	31	—	—	64	—	5	—
\$6,000 to \$6,999	144	—	26	17	63	5	9	—	15	—	9	—
\$7,000 to \$9,999	922	67	150	210	315	10	47	—	72	6	40	5
\$10,000 to \$14,999	993	19	181	339	299	11	62	—	70	—	12	—
\$15,000 to \$24,999	449	9	88	144	150	6	21	—	31	—	—	—
\$25,000 or more	52	—	4	5	32	4	7	—	—	—	—	—
Median	\$8 900	\$8 400	\$11 100	\$11 300	\$9 400	\$4 000	\$9 600	—	\$5 200	...	\$3 400	...
VALUE-INCOME RATIO												
Specified owner occupied <sup>1</sup>	3 231	113	399	719	1 026	162	156	—	416	47	119	74
Less than 1.5	1 697	56	281	467	590	43	99	—	129	—	21	11
1.5 to 1.9	466	20	62	107	162	20	23	—	35	5	26	6
2.0 to 2.4	271	19	36	54	80	14	14	—	37	6	11	—
2.5 to 2.9	145	—	4	36	40	10	—	—	40	4	6	5
3.0 to 3.9	148	—	—	14	42	23	—	—	42	—	13	14
4.0 or more	443	18	16	41	106	43	20	—	108	32	21	38
Not computed	61	—	—	—	6	9	—	—	25	—	21	—
Renter occupied housing units	2 892	300	317	242	270	68	186	5	917	19	468	100
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	2 743	281	311	242	270	63	174	5	892	19	391	95
0.50 or less	987	51	39	39	97	13	74	—	192	13	379	90
0.51 to 1.00	1 242	175	173	144	106	44	70	5	502	6	12	5
1.01 to 1.50	412	45	80	39	49	6	30	—	163	—	—	—
1.51 or more	102	10	19	20	18	—	—	—	35	—	—	—
Lacking some or all plumbing facilities	149	19	6	—	—	5	12	—	25	—	77	5
0.50 or less	62	—	—	—	—	—	—	—	—	—	57	5
0.51 to 1.00	61	—	6	—	—	5	12	—	18	—	20	—
1.01 to 1.50	19	19	—	—	—	—	—	—	—	—	—	—
1.51 or more	7	—	—	—	—	—	—	—	7	—	—	—
UNITS IN STRUCTURE												
1	1 132	83	155	149	141	34	83	—	400	4	73	10
2 to 4	1 416	182	140	82	105	27	87	5	418	15	286	69
5 to 19	285	35	22	11	18	7	16	—	83	—	88	5
20 or more	43	—	—	—	6	—	—	—	—	—	21	16
Mobile home or trailer	16	—	—	—	—	—	—	—	16	—	—	—
GROSS RENT												
Specified renter occupied <sup>2</sup>	2 861	300	300	242	270	68	186	5	912	19	459	100
Less than \$50	108	4	—	7	—	—	—	—	26	—	40	38
\$50 to \$59	126	8	—	—	—	6	11	—	56	—	31	7
\$60 to \$69	206	14	16	8	5	5	6	—	88	—	48	16
\$70 to \$79	271	22	27	10	20	5	5	—	96	5	70	11
\$80 to \$99	468	63	36	18	52	18	42	5	135	—	71	28
\$100 to \$119	569	77	93	40	36	5	45	—	169	4	100	—
\$120 to \$149	755	88	84	101	103	25	63	—	211	10	70	—
\$150 to \$199	324	20	38	52	50	4	14	—	125	—	21	—
\$200 to \$299	22	4	6	6	—	—	—	—	6	—	—	—
\$300 or more	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	12	—	—	—	4	—	—	—	—	—	8	—
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied <sup>2</sup>	2 861	300	300	242	270	68	186	5	912	19	459	100
Less than \$5,000	1 349	70	58	31	102	42	43	5	678	19	201	100
Less than 20 percent	37	4	—	—	5	—	—	—	14	—	14	—
20 to 24 percent	62	—	9	—	7	5	6	—	25	—	10	—
25 to 34 percent	206	14	6	15	5	16	12	—	98	—	30	10
35 percent or more	871	52	37	10	76	16	15	5	458	15	113	74
Not computed	173	—	6	6	9	5	10	—	83	4	34	16
\$5,000 to \$9,999	1 061	153	146	114	96	20	87	—	197	—	248	—
Less than 20 percent	675	107	113	67	60	6	49	—	92	—	181	—
20 to 24 percent	211	28	18	33	12	9	22	—	42	—	47	—
25 to 34 percent	152	18	15	6	24	5	16	—	48	—	20	—
35 percent or more	23	—	—	8	—	—	—	—	15	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$14,999	350	60	80	66	52	6	50	—	31	—	5	—
Less than 20 percent	325	60	65	56	52	6	50	—	31	—	5	—
20 to 24 percent	19	—	9	10	—	—	—	—	—	—	—	—
25 percent or more	6	—	6	—	—	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—	—
\$15,000 or more	101	17	16	31	20	—	6	—	6	—	5	—
Less than 20 percent	101	17	16	31	20	—	6	—	6	—	5	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-18. Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>3 685</b>	<b>275</b>	<b>770</b>	<b>602</b>	<b>550</b>	<b>467</b>	<b>337</b>	<b>352</b>	<b>332</b>	<b>3.9</b>
<b>BEDROOMS</b>										
None and 1	101	—	18	18	65	—	—	—	—	...
2	948	136	314	267	75	67	44	20	25	2.6
3	1 790	27	290	268	237	336	256	191	185	4.7
4 or more	860	43	133	88	94	73	113	173	143	5.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	114	—	10	12	17	18	19	30	8	5.5
1965 to 1968	350	13	45	80	76	48	30	22	36	4.0
1960 to 1964	338	13	68	64	55	46	34	33	25	3.9
1950 to 1959	699	36	178	118	141	56	45	68	37	3.6
1940 to 1949	516	25	113	83	68	77	59	61	30	4.0
1939 or earlier	1 668	188	356	245	193	222	130	138	196	3.7
<b>UNITS IN STRUCTURE</b>										
1	3 385	204	701	533	512	454	322	338	321	4.0
2 or more	300	71	69	69	38	13	15	14	11	2.6
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	3 245	284	665	514	521	429	288	305	239	3.8
2 and 2 1/2	271	8	43	70	23	49	14	28	36	4.1
3 or more	99	—	13	13	21	14	9	7	22	...
None or also used by another household	99	13	44	7	7	—	7	7	14	...
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>3 410</b>		<b>770</b>	<b>602</b>	<b>550</b>	<b>467</b>	<b>337</b>	<b>352</b>	<b>332</b>	<b>4.1</b>
Male head, wife present, no nonrelatives	2 678	...	560	473	452	389	274	282	248	4.2
Under 25 years	128	...	25	54	31	9	9	—	—	3.2
25 to 34 years	465	...	42	89	109	121	36	53	15	4.4
35 to 44 years	799	...	54	72	128	94	150	163	138	5.8
45 to 64 years	1 093	...	330	216	165	161	75	61	85	3.5
65 years and over	193	...	109	42	19	4	4	5	10	2.4
Other male head	193	...	98	31	21	14	5	9	15	2.5
Under 65 years	193	...	98	31	21	14	5	9	15	2.5
65 years and over	—	...	—	—	—	—	—	—	—	—
Female head	539	...	112	98	77	64	58	61	69	4.3
Under 65 years	484	...	70	85	77	64	58	61	69	4.7
65 years and over	55	...	42	13	—	—	—	—	—	...
<b>One-person households</b>	<b>275</b>	<b>275</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner-occupied<sup>1</sup></b>	<b>3 231</b>	<b>193</b>	<b>687</b>	<b>510</b>	<b>500</b>	<b>443</b>	<b>307</b>	<b>297</b>	<b>294</b>	<b>4.0</b>
Less than 1.5	1 697	32	273	277	292	286	183	175	179	4.4
1.5 to 1.9	466	32	98	77	72	54	55	53	25	3.9
2.0 to 2.4	271	11	100	38	31	36	14	28	13	3.1
2.5 to 2.9	145	11	27	23	45	22	—	12	5	3.8
3.0 to 3.9	148	27	54	14	16	12	10	5	10	2.4
4.0 or more	443	59	124	67	34	33	40	24	62	3.1
Not computed	61	21	11	14	10	—	5	—	—	...
<b>Renter occupied housing units</b>	<b>2 892</b>	<b>568</b>	<b>573</b>	<b>510</b>	<b>357</b>	<b>306</b>	<b>228</b>	<b>223</b>	<b>127</b>	<b>3.1</b>
<b>BEDROOMS</b>										
None	60	60	—	—	—	—	—	—	—	...
1	728	421	212	74	21	—	—	—	—	1.4
2	1 250	182	239	323	159	200	43	82	22	3.1
3 or more	836	62	59	90	115	194	106	127	83	5.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	27	10	5	5	—	—	7	—	—	...
1965 to 1968	149	11	31	46	27	10	5	19	—	3.2
1960 to 1964	153	35	7	32	28	23	12	11	5	3.6
1950 to 1959	347	26	49	75	51	67	28	35	16	4.0
1940 to 1949	293	38	37	68	57	9	41	32	11	3.6
1939 or earlier	1 923	448	444	284	194	197	135	126	95	2.7
<b>UNITS IN STRUCTURE</b>										
1	1 132	83	161	235	148	158	142	115	90	4.1
2	704	131	180	155	94	57	34	33	20	2.8
3 and 4	712	224	173	72	63	70	52	52	6	2.3
5 to 9	230	55	47	31	42	21	—	23	11	2.9
10 to 19	55	38	12	5	—	—	—	—	—	...
20 or more	43	37	—	—	6	—	—	—	—	...
Mobile home or trailer	16	—	—	12	4	—	—	—	—	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	2 705	413	577	495	354	277	259	210	120	3.2
2 or more	33	5	—	13	—	9	—	—	6	...
None or also used by another household	157	71	28	28	17	13	—	—	—	1.8
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>2 324</b>		<b>573</b>	<b>510</b>	<b>357</b>	<b>306</b>	<b>228</b>	<b>223</b>	<b>127</b>	<b>3.7</b>
Male head, wife present, no nonrelatives	1 197	...	297	261	146	191	134	92	76	3.8
Under 25 years	300	...	68	122	35	25	26	24	—	3.2
25 to 34 years	317	...	45	61	41	75	46	39	10	4.7
35 to 44 years	242	...	55	32	50	42	5	25	25	4.5
45 to 64 years	270	...	107	27	26	31	20	18	41	3.5
65 years and over	68	...	22	19	11	10	—	6	—	...
Other male head	191	...	86	30	39	10	16	6	4	2.8
Under 65 years	186	...	81	30	39	10	16	6	4	2.9
65 years and over	5	...	5	—	—	—	—	—	—	...
Female head	936	...	190	219	172	105	78	125	47	3.8
Under 65 years	917	...	177	219	172	105	72	125	47	3.9
65 years and over	19	...	13	—	—	—	6	—	—	...
<b>One-person households</b>	<b>568</b>	<b>568</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>2 861</b>	<b>559</b>	<b>573</b>	<b>505</b>	<b>352</b>	<b>300</b>	<b>222</b>	<b>223</b>	<b>127</b>	<b>3.1</b>
Less than 10 percent	200	41	25	28	26	30	33	5	12	3.7
10 to 14 percent	495	74	117	63	76	75	46	36	8	3.4
15 to 19 percent	443	90	91	83	48	29	28	36	38	3.0
20 to 24 percent	292	57	65	51	21	51	14	16	17	3.0
25 to 34 percent	364	60	54	64	74	26	30	21	35	3.6
35 percent or more	894	187	182	194	82	74	61	97	17	2.9
Not computed	173	50	39	22	25	15	10	12	—	2.4

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Saginaw	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>17 563</b>	<b>479</b>	<b>1 294</b>	<b>2 225</b>	<b>3 311</b>	<b>2 929</b>	<b>4 014</b>	<b>1 683</b>	<b>1 098</b>	<b>429</b>	<b>101</b>	<b>13 800</b>
<b>ROOMS</b>												
1 and 2 rooms	44	12	—	5	—	18	5	4	—	—	—	10 500
3 rooms	130	14	28	19	19	19	20	2	4	5	—	12 400
4 rooms	1 944	82	234	275	393	367	451	96	27	19	—	13 900
5 rooms	5 672	167	392	785	999	855	1 485	635	303	51	20	14 000
6 rooms	5 021	89	335	568	995	863	1 101	557	386	107	13	13 600
7 rooms	2 870	53	250	327	592	476	582	253	233	91	68	14 500
8 rooms or more	1 882	62	55	246	313	331	370	136	145	156	7.5 +	...
Median	5.7	5.3	5.5	5.6	5.7	5.7	5.5	5.7	6.1	6.9	7.5 +	...
<b>PERSONS</b>												
1 person	2 421	130	373	486	470	357	325	134	65	76	5	11 200
2 persons	5 120	126	341	675	1 053	860	1 057	538	331	120	19	13 600
3 persons	2 693	68	148	272	516	434	663	315	186	67	24	14 500
4 persons	2 667	45	129	241	402	464	863	242	196	71	14	15 300
5 persons	1 908	34	85	194	319	295	510	252	143	57	19	15 300
6 persons or more	2 754	76	218	357	551	519	596	202	177	38	20	13 300
Median	3.0	2.4	2.3	2.4	2.8	3.1	3.4	3.0	3.3	2.8	3.7	...
Units with roomers, boarders, or lodgers	416	9	45	72	85	92	74	28	—	—	11	12 400
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>17 395</b>	<b>440</b>	<b>1 265</b>	<b>2 194</b>	<b>3 268</b>	<b>2 922</b>	<b>4 000</b>	<b>1 678</b>	<b>1 098</b>	<b>429</b>	<b>101</b>	<b>13 800</b>
0.50 or less	9 221	255	773	1 284	1 901	1 492	1 794	827	543	285	67	13 200
0.51 to 1.00	6 786	138	351	719	1 074	1 183	1 896	748	499	144	34	14 800
1.01 to 1.50	1 123	38	109	149	226	192	263	90	56	—	—	13 000
1.51 or more	265	9	32	42	67	55	47	13	—	—	—	11 800
<b>Lacking some or all plumbing facilities</b>	<b>168</b>	<b>39</b>	<b>29</b>	<b>31</b>	<b>43</b>	<b>7</b>	<b>14</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>8 800</b>
0.50 or less	132	24	23	31	28	7	14	5	—	—	—	9 000
0.51 to 1.00	24	15	—	—	9	—	—	—	—	—	—	...
1.01 to 1.50	6	—	6	—	—	—	—	—	—	—	—	...
1.51 or more	6	—	—	—	6	—	—	—	—	—	—	...
<b>BEDROOMS</b>												
None and 1	402	21	102	106	41	43	20	21	—	48	—	9 300
2	4 900	195	519	950	1 011	835	847	289	129	103	22	11 900
3	8 603	294	543	829	1 647	1 251	2 334	847	671	187	—	14 500
4 or more	3 637	41	225	357	844	641	852	157	298	138	84	13 900
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	212	4	—	5	—	32	104	32	25	10	—	18 300
1965 to 1968	671	6	5	7	51	62	250	132	100	47	11	18 800
1960 to 1964	1 015	—	13	20	59	118	317	178	193	99	18	19 700
1950 to 1959	3 129	23	72	99	379	438	971	524	465	126	32	17 600
1940 to 1949	2 131	18	102	228	371	423	499	342	108	34	6	14 500
1939 or earlier	10 405	428	1 102	1 866	2 451	1 856	1 873	475	207	113	34	11 800
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	15 562	393	1 138	2 116	3 012	2 779	3 575	1 544	820	172	13	13 500
2 and 2 1/2	1 616	12	31	51	145	172	455	239	275	199	37	19 200
3 or more	156	—	—	—	6	9	11	17	20	42	51	40 400
None or also used by another household	275	43	79	38	82	20	13	—	—	—	—	8 500
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>15 142</b>	<b>349</b>	<b>921</b>	<b>1 739</b>	<b>2 841</b>	<b>2 572</b>	<b>3 689</b>	<b>1 549</b>	<b>1 033</b>	<b>353</b>	<b>96</b>	<b>14 200</b>
Male head, wife present, no nonrelatives	12 813	273	714	1 392	2 326	2 187	3 165	1 388	986	302	80	14 400
Under 25 years	414	43	29	56	55	145	102	22	156	5	—	15 200
25 to 34 years	2 178	43	91	210	354	351	721	227	25	—	—	13 700
35 to 44 years	2 762	38	164	267	455	522	661	308	240	82	25	14 700
45 to 64 years	5 628	135	276	561	1 064	840	1 354	681	514	150	50	14 800
65 years and over	1 831	57	154	298	398	329	327	150	76	40	5	12 600
Other male head	537	14	45	74	133	88	117	42	9	15	—	12 600
Under 65 years	430	14	29	59	122	60	96	31	9	10	—	12 300
65 years and over	107	—	16	15	11	28	21	—	—	5	—	13 500
Female head	1 792	62	162	273	382	297	407	119	38	36	16	12 600
Under 65 years	1 267	53	124	188	229	217	330	63	32	20	11	13 000
65 years and over	525	9	38	85	153	80	77	56	6	16	5	12 100
<b>One-person households</b>	<b>2 421</b>	<b>130</b>	<b>373</b>	<b>486</b>	<b>470</b>	<b>357</b>	<b>325</b>	<b>134</b>	<b>65</b>	<b>76</b>	<b>5</b>	<b>11 200</b>
Under 65 years	1 020	29	141	203	193	146	186	55	32	30	5	11 800
65 years and over	1 401	101	232	283	277	211	139	79	33	46	—	10 800
<b>INCOME IN 1969</b>												
Less than \$2,000	1 589	137	301	305	266	296	171	59	25	24	5	10 500
\$2,000 to \$2,999	45	74	158	188	103	81	13	—	—	7	—	10 800
\$3,000 to \$3,999	669	27	793	147	176	207	116	9	9	6	—	12 100
\$4,000 to \$4,999	722	22	79	153	147	139	119	38	15	10	—	11 800
\$5,000 to \$5,999	715	11	54	103	195	111	146	64	31	—	—	12 400
\$6,000 to \$6,999	750	29	100	93	189	118	161	45	10	5	—	12 000
\$7,000 to \$9,999	3 416	77	251	479	732	606	842	295	102	23	9	13 200
\$10,000 to \$14,999	5 062	101	254	512	945	969	1 279	570	338	78	16	14 400
\$15,000 to \$24,999	3 245	30	96	241	412	421	929	514	434	154	14	17 200
\$25,000 or more	602	—	9	34	59	50	79	67	134	119	51	25 200
Median	\$10 100	\$5 800	\$6 600	\$8 000	\$9 000	\$9 900	\$11 100	\$12 700	\$15 400	\$18 800	\$25 500	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 370	14	89	101	223	298	385	127	86	40	7	14 700
1968	1 147	14	48	94	155	241	343	139	92	21	—	15 200
1967	928	27	43	116	156	184	238	60	79	25	—	14 200
1965 and 1966	1 871	21	105	225	268	301	546	198	143	51	13	15 100
1960 to 1964	3 322	75	188	314	601	512	790	414	279	113	36	14 900
1950 to 1959	5 002	111	403	573	920	770	1 120	584	403	87	31	14 100
1949 or earlier	3 969	186	372	782	922	674	632	278	33	76	14	11 700
<b>HEATING EQUIPMENT</b>												
Steam or hot water	1 737	48	73	195	348	238	362	155	158	133	27	14 600
Warm-air furnace	12 217	118	488	1 061	2 216	2 297	3 334	1 434	923	276	70	14 900
Built-in electric units	135	19	5	17	39	—	21	9	17	4	4	11 700
Floor, wall, or pipeless furnace	1 037	32	179	245	330	97	122	28	—	4	—	10 500
Other means	2 430	262	549	707	378	290	175	57	—	12	—	8 900
None	7	—	—	—	—	7	—	—	—	—	—	...
<b>AIR CONDITIONING</b>												
Room unit(s)	2 590	45	70	289	442	445	658	335	218	70	18	15 000
Central system	551	7	29	29	46	37	139	59	112	68	25	19 600
None	14 468	396	1 149	1 887	2 757	2 498	3 257	1 406	785	275	58	13 500

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Saginaw	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied <sup>1</sup>	9 112	529	262	580	644	1 625	1 873	1 873	1 221	192	-	313	108
<b>ROOMS</b>													
1 room	390	63	38	92	95	48	33	16	-	5	-	-	70
2 rooms	766	246	58	104	55	166	88	9	11	-	-	29	66
3 rooms	2 059	174	84	163	194	594	466	249	101	11	-	23	93
4 rooms	2 289	32	67	109	133	381	567	570	338	40	-	52	114
5 rooms	1 590	14	9	41	83	237	408	390	338	32	-	38	119
6 rooms	1 189	-	6	34	55	130	222	379	258	53	-	52	130
7 rooms	484	-	-	25	23	32	58	161	106	30	-	49	135
8 rooms or more	345	-	-	12	6	37	31	99	69	21	-	70	136
Median	4.1	2.3	2.9	3.1	3.4	3.5	4.1	4.7	5.0	5.7	-	5.8	...
<b>PERSONS</b>													
1 person	2 833	449	132	330	332	617	458	270	132	24	-	89	83
2 persons	2 160	40	71	111	88	427	577	409	297	35	-	105	110
3 persons	1 520	14	41	48	65	225	393	416	245	36	-	37	118
4 persons	998	6	8	19	46	160	191	306	202	45	-	15	126
5 persons	673	9	10	30	34	92	110	219	119	37	-	13	126
6 persons or more	928	11	-	42	79	104	144	253	226	15	-	54	127
Median	2.3	1.1	1.5	1.4	1.5	2.0	2.3	3.1	3.2	3.5	-	2.1	...
Units with roomers, boarders, or lodgers	276	-	-	17	26	38	62	56	54	23	-	-	118
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
With all plumbing facilities	8 550	424	210	500	551	1 522	1 807	1 848	1 208	192	-	288	110
0.50 or less	4 125	339	103	268	283	834	820	724	478	80	-	196	103
0.51 to 1.00	3 583	64	93	195	181	538	840	910	588	100	-	74	116
1.01 to 1.50	658	5	9	27	72	101	131	203	98	6	-	6	117
1.51 or more	184	16	5	10	15	49	16	11	44	6	-	12	97
Lacking some or all plumbing facilities	562	105	52	80	93	103	66	25	13	6	-	25	73
0.50 or less	215	57	23	26	18	36	21	7	7	-	-	20	67
0.51 to 1.00	298	44	29	54	71	54	30	5	6	-	-	5	73
1.01 to 1.50	32	4	-	-	-	-	15	13	-	-	-	-	...
1.51 or more	17	-	-	-	4	13	-	-	-	-	-	-	...
<b>BEDROOMS</b>													
None	655	129	44	92	134	194	40	22	-	-	-	-	75
1	3 114	569	99	157	303	835	668	330	67	-	-	86	88
2	3 361	67	142	118	143	587	572	962	641	64	-	65	121
3 or more	1 998	-	-	89	127	123	338	656	370	139	-	156	131
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	248	179	-	-	-	16	16	5	32	-	-	-	50-
1965 to 1968	469	78	16	-	9	18	19	93	200	36	-	-	150
1960 to 1964	368	20	-	38	78	31	22	47	75	40	-	17	108
1950 to 1959	719	29	62	88	75	81	90	86	148	23	-	37	101
1940 to 1949	950	-	4	16	68	169	235	271	147	19	-	21	118
1939 or earlier	6 358	223	180	438	414	1 310	1 491	1 371	619	74	-	238	107
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	702	380	20	20	114	83	21	44	20	-	-	-	50-
With elevator	680	380	20	20	92	83	21	44	20	-	-	-	50-
Walk-up	22	-	-	-	22	-	-	-	-	-	-	-	...
1 to 3 floors	8 426	385	265	436	593	1 656	1 597	1 926	1 058	203	-	307	109
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	8 323	372	201	492	549	1 450	1 834	1 773	1 236	153	-	263	111
2 or more	174	-	-	17	-	7	26	27	38	34	-	25	147
None or also used by another household	614	93	53	93	86	111	63	41	35	-	-	39	76
<b>INCOME IN 1969</b>													
Less than \$2,000	1 661	321	103	131	133	267	287	218	135	17	-	49	87
\$2,000 to \$2,999	740	60	34	89	79	142	148	123	45	-	-	20	92
\$3,000 to \$3,999	819	18	5	81	73	174	180	177	79	16	-	16	106
\$4,000 to \$4,999	549	15	21	49	39	164	79	140	29	-	-	13	97
\$5,000 to \$5,999	628	19	5	59	54	158	136	66	85	18	-	28	101
\$6,000 to \$6,999	685	15	36	30	66	126	135	187	63	6	-	21	109
\$7,000 to \$9,999	2 046	56	32	111	102	364	512	459	298	37	-	75	113
\$10,000 to \$14,999	1 429	16	26	17	85	180	321	373	312	53	-	46	124
\$15,000 to \$24,999	483	9	-	4	13	45	75	115	147	30	-	45	139
\$25,000 or more	72	-	-	9	-	5	-	15	28	15	-	-	...
Median	\$6 200	\$2000-	\$2 800	\$3 900	\$4 900	\$5 400	\$6 800	\$7 200	\$8 800	\$10 200	-	\$7 400	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	3 938	243	52	202	185	627	810	829	841	121	-	28	116
1968	1 277	31	33	69	53	205	296	331	194	24	-	41	115
1967	752	15	-	45	59	98	240	139	123	7	-	26	112
1965 and 1966	1 035	90	90	52	119	204	194	186	54	16	-	30	95
1960 to 1964	1 025	18	30	116	112	197	212	208	60	-	-	72	100
1950 to 1959	675	45	40	65	80	128	120	99	31	11	-	56	89
1949 or earlier	409	23	9	53	27	109	51	49	6	8	-	74	90
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	767	106	62	71	120	150	117	87	39	15	-	...	83
10 to 14 percent	1 690	37	48	149	135	380	426	310	197	8	-	...	105
15 to 19 percent	1 441	9	10	54	75	268	396	377	214	38	-	...	115
20 to 24 percent	1 097	39	12	65	45	197	193	289	226	31	-	...	120
25 to 34 percent	1 046	72	35	85	95	187	161	186	190	35	-	...	106
35 percent or more	2 480	236	77	132	152	390	528	577	323	65	-	...	110
Not computed	591	30	18	24	22	53	52	47	32	-	-	313	94
<b>AIR CONDITIONING</b>													
Room unit(s)	781	6	17	18	7	99	151	161	222	60	-	40	134
Central system	140	22	-	-	-	35	37	24	22	-	-	-	107
None	8 190	437	237	584	628	1 434	1 735	1 656	1 065	127	-	287	107

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Saginaw	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Owner occupied housing units</b>	<b>19 152</b>	<b>1 846</b>	<b>766</b>	<b>878</b>	<b>781</b>	<b>816</b>	<b>843</b>	<b>3 700</b>	<b>5 429</b>	<b>3 451</b>	<b>642</b>	<b>10 000</b>
<b>ROOMS</b>												
1 and 2 rooms	53	6	4	—	—	—	9	10	19	5	—	...
3 rooms	293	63	30	19	9	14	9	59	47	25	18	7 100
4 rooms	2 296	306	142	143	142	126	112	467	574	257	27	8 100
5 rooms	6 207	624	256	328	279	255	359	1 333	1 664	966	143	9 300
6 rooms	5 282	446	151	228	167	212	195	967	1 690	1 073	153	10 800
7 rooms or more	5 021	401	183	160	184	209	159	864	1 435	1 125	301	11 200
<b>PERSONS</b>												
1 person	2 818	1 150	322	249	204	136	151	388	144	61	13	2 800
2 persons	5 627	379	321	403	412	419	408	1 172	1 249	683	181	8 200
3 and 4 persons	5 754	191	53	134	64	114	174	1 210	2 208	1 392	214	12 100
5 persons	2 005	44	23	38	32	35	29	427	772	506	99	12 400
6 persons or more	2 948	82	47	54	69	112	81	503	1 056	809	135	12 500
Units with roomers, boarders, or lodgers	523	129	20	59	26	38	12	98	92	34	15	5 700
<b>BEDROOMS</b>												
Less than 3	6 464	866	415	441	366	340	434	1 301	1 382	694	225	7 900
3	9 098	769	223	327	303	282	361	1 910	3 140	1 542	241	10 600
4 or more	3 852	232	79	109	233	123	86	745	1 039	1 026	180	11 500
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	226	14	20	23	9	4	4	97	23	28	4	8 200
1960 to 1968	1 794	88	24	47	38	54	46	362	658	407	70	11 800
1950 to 1959	3 181	172	73	63	106	107	124	580	990	777	189	11 800
1949 or earlier	13 951	1 572	649	745	628	651	669	2 661	3 758	2 239	379	9 300
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 584	97	59	57	84	64	49	434	471	239	30	9 600
1968	1 255	82	12	18	6	56	64	290	483	215	29	11 000
1960 to 1967	6 573	432	117	218	256	266	213	1 418	2 119	1 288	246	10 900
1959 or earlier	9 743	1 263	581	599	388	456	488	1 543	2 342	1 759	324	9 100
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	14 821	1 085	359	712	524	349	594	2 865	4 718	2 969	646	11 000
Clothes dryer	13 073	793	286	597	401	252	537	2 518	4 255	2 868	566	11 400
Dishwasher	2 674	16	57	87	46	35	39	342	886	827	339	14 000
Home food freezer	4 936	267	116	148	145	156	203	970	1 451	1 150	330	11 600
Owned second home	2 004	89	85	40	63	59	20	315	665	479	189	12 500
With air conditioning	3 413	187	77	83	93	106	103	617	1 018	900	229	12 200
Room unit(s)	2 810	150	59	69	71	84	96	544	876	710	151	11 900
Central system	603	37	18	14	22	22	7	73	142	190	78	13 800
Automobiles available:												
1	10 073	823	422	580	550	524	590	2 586	2 887	947	164	8 800
2	5 922	160	41	86	52	116	116	819	2 198	1 979	355	13 600
3 or more	994	15	—	—	—	32	6	73	207	551	110	18 000
<b>Renter occupied housing units</b>	<b>9 155</b>	<b>1 666</b>	<b>740</b>	<b>819</b>	<b>554</b>	<b>635</b>	<b>685</b>	<b>2 056</b>	<b>1 445</b>	<b>483</b>	<b>72</b>	<b>6 200</b>
<b>ROOMS</b>												
1 room	390	98	47	21	17	26	14	108	16	34	9	5 500
2 rooms	766	270	110	59	30	52	42	152	36	10	5	3 100
3 rooms	2 059	495	167	194	142	163	201	376	252	65	4	5 200
4 rooms	2 305	428	181	242	156	151	180	477	378	101	11	6 000
5 rooms	1 612	215	107	108	93	110	92	443	328	97	19	7 500
6 rooms or more	2 023	160	128	195	116	133	156	500	435	176	24	7 700
<b>PERSONS</b>												
1 person	2 840	901	305	279	194	246	186	507	142	62	18	3 800
2 persons	2 165	297	175	160	157	154	178	476	411	151	6	6 800
3 and 4 persons	2 543	313	178	220	119	155	214	665	515	136	28	7 300
5 persons	673	61	34	86	33	18	57	165	157	58	4	7 900
6 persons or more	934	94	48	74	51	62	50	243	220	76	16	8 100
Units with roomers, boarders, or lodgers	276	68	15	31	16	28	23	50	45	—	—	5 300
<b>BEDROOMS</b>												
None	655	170	23	69	63	46	48	129	42	65	—	5 100
1	3 114	882	388	150	135	177	275	581	461	45	20	5 000
2	3 419	455	200	392	339	234	162	731	680	203	23	6 600
3 or more	1 998	136	82	142	106	107	140	564	592	110	19	8 500
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	248	172	23	6	5	5	5	10	11	11	—	2000—
1960 to 1968	847	224	51	64	22	61	55	154	113	70	33	6 000
1950 to 1959	719	101	88	69	59	68	74	123	96	37	4	5 600
1949 or earlier	7 341	1 169	578	680	468	501	551	1 769	1 225	365	35	6 500
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 974	791	229	390	235	297	330	977	517	168	40	6 100
1968	1 277	247	83	109	47	57	66	309	250	102	7	7 300
1960 to 1967	2 818	426	312	173	133	229	255	669	413	170	38	6 500
1959 or earlier	1 084	177	138	147	100	75	56	194	137	60	—	4 800
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	9 112	1 661	740	819	549	628	685	2 046	1 429	483	72	6 200
Less than 15 percent	2 457	—	4	9	26	73	141	748	978	406	72	11 200
15 to 19 percent	1 441	—	—	9	64	142	177	708	309	32	—	8 400
20 to 24 percent	1 097	—	46	81	157	163	191	369	90	—	—	6 500
25 to 34 percent	1 046	63	146	258	149	141	145	138	6	—	—	4 400
35 percent or more	2 480	1 271	524	446	140	81	10	8	—	—	—	2 000
Not computed	591	327	20	16	13	28	21	75	46	45	—	2000—
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	2 740	462	68	200	110	155	112	596	741	254	42	8 300
Clothes dryer	2 044	276	49	131	107	133	50	429	551	276	42	8 900
Dishwasher	464	45	—	45	—	21	—	80	166	84	23	11 200
Home food freezer	644	81	18	18	38	—	50	144	250	45	—	9 400
Owned second home	164	25	—	—	25	21	—	—	48	22	23	...
With air conditioning	930	144	51	88	21	70	54	182	190	89	41	7 600
Room unit(s)	790	89	19	80	21	62	45	175	183	75	41	8 400
Central system	140	55	32	8	—	8	9	7	7	14	—	2 500
Automobiles available:												
1	4 854	483	270	356	345	402	468	1 513	814	171	32	7 200
2	1 183	57	5	47	28	51	43	351	355	237	9	10 100
3 or more	180	20	6	14	—	27	9	14	35	39	16	10 000

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

Saginaw	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
<b>Owner occupied housing units</b> .....	<b>19 152</b>	<b>18 950</b>	<b>10 130</b>	<b>7 326</b>	<b>1 210</b>	<b>284</b>	<b>202</b>	<b>155</b>	<b>35</b>	<b>6</b>	<b>6</b>
<b>PERSONS</b> .....											
1 person .....	2 818	2 732	2 732	—	—	—	86	86	—	—	—
2 persons .....	5 627	5 544	5 456	88	—	—	83	69	14	—	—
3 persons .....	2 939	2 935	1 550	1 376	9	—	4	—	4	—	—
4 persons .....	2 815	2 809	246	2 535	23	5	6	—	6	—	—
5 persons .....	2 005	2 000	146	1 782	66	6	5	—	5	—	—
6 persons or more .....	2 948	2 930	—	1 545	1 112	273	18	—	6	6	6
Median .....	2.9	2.9	1.9	4.4	6.8	7.5+	1.7	1.4	...	...	...
Units with roomers, boarders, or lodgers .....	523	517	246	217	36	18	6	—	6	—	—
<b>YEAR STRUCTURE BUILT</b> .....											
1969 to March 1970 .....	224	224	22	135	38	29	—	—	—	—	—
1965 to 1968 .....	713	713	174	432	69	38	—	—	—	—	—
1960 to 1964 .....	1 091	1 091	385	573	115	18	—	—	—	—	—
1950 to 1959 .....	3 169	3 158	1 567	1 366	193	32	11	11	—	—	—
1940 to 1949 .....	2 247	2 235	1 175	869	163	28	12	12	—	—	—
1939 or earlier .....	11 711	11 494	6 881	3 876	614	123	217	162	39	7	9
<b>INCOME IN 1969</b> .....											
Less than \$2,000 .....	1 846	1 767	1 523	214	30	—	79	74	5	—	—
\$2,000 to \$2,999 .....	766	733	630	82	10	—	33	22	5	—	6
\$3,000 to \$3,999 .....	878	864	696	135	15	18	14	14	—	—	—
\$4,000 to \$4,999 .....	781	771	629	110	27	5	10	4	6	—	—
\$5,000 to \$5,999 .....	816	802	601	150	46	5	14	8	6	—	—
\$6,000 to \$6,999 .....	843	828	588	179	36	25	15	11	4	—	—
\$7,000 to \$9,999 .....	3 700	3 683	1 937	1 416	269	61	17	17	—	—	—
\$10,000 to \$14,999 .....	5 429	5 418	2 071	2 792	446	109	11	—	5	6	—
\$15,000 to \$24,999 .....	3 451	3 442	1 129	2 002	276	35	9	5	4	—	—
\$25,000 or more .....	642	642	326	246	55	15	—	—	—	—	—
Median .....	\$10 000	\$10 000	\$7 600	\$12 500	\$11 900	\$10 800	\$2 700	\$2 200	...	...	...
<b>VALUE-INCOME RATIO</b> .....											
Specified owner occupied <sup>1</sup> .....	17 563	17 395	9 221	6 786	1 123	265	168	132	24	6	6
Less than 1.5 .....	8 531	8 487	3 386	4 155	774	172	44	18	20	6	—
1.5 to 1.9 .....	2 977	2 962	1 439	1 302	183	38	15	11	4	—	—
2.0 to 2.4 .....	1 604	1 582	975	512	69	26	22	22	—	—	—
2.5 to 2.9 .....	963	957	673	258	26	—	6	6	—	—	—
3.0 to 3.9 .....	1 022	1 002	795	170	22	15	20	20	—	—	—
4.0 or more .....	2 225	2 168	1 761	350	43	14	57	51	—	—	6
Not computed .....	241	237	192	39	6	—	4	4	—	—	—
<b>HEATING EQUIPMENT</b> .....											
Steam or hot water .....	2 055	2 025	1 156	757	97	15	30	30	—	—	—
Warm-air furnace .....	13 140	13 079	6 822	5 252	848	157	61	39	16	6	—
Built-in electric units .....	173	173	57	100	16	—	—	—	—	—	—
Floor, wall, or pipeless furnace .....	1 137	1 133	713	357	41	22	4	4	—	—	—
Other means .....	2 640	2 533	1 382	860	201	90	107	82	19	—	6
None .....	7	7	—	—	7	—	—	—	—	—	—
<b>Renter occupied housing units</b> .....	<b>9 155</b>	<b>8 593</b>	<b>4 142</b>	<b>3 603</b>	<b>664</b>	<b>184</b>	<b>562</b>	<b>215</b>	<b>298</b>	<b>32</b>	<b>17</b>
<b>PERSONS</b> .....											
1 person .....	2 840	2 445	2 288	157	—	—	395	188	207	—	—
2 persons .....	2 165	2 087	1 451	630	—	6	78	27	51	—	—
3 persons .....	1 536	1 492	336	1 127	19	10	44	—	35	9	—
4 persons .....	1 007	994	50	844	90	10	13	—	—	—	13
5 persons .....	673	662	17	461	153	31	11	—	5	6	—
6 persons or more .....	934	913	—	384	402	127	21	—	—	17	4
Median .....	2.3	2.4	1.4	3.4	6.1	7.1	1.2	1.1	1.2	...	...
Units with roomers, boarders, or lodgers .....	276	265	101	125	22	17	11	—	11	—	—
<b>YEAR STRUCTURE BUILT</b> .....											
1969 to March 1970 .....	242	242	194	40	—	8	—	—	—	—	—
1965 to 1968 .....	471	466	231	194	33	8	5	—	—	—	5
1960 to 1964 .....	355	312	144	133	35	—	43	7	36	—	—
1950 to 1959 .....	686	665	248	338	51	28	21	8	13	—	—
1940 to 1949 .....	957	949	385	459	98	7	8	—	—	8	—
1939 or earlier .....	6 442	6 012	2 921	2 540	428	123	430	181	222	10	17
<b>INCOME IN 1969</b> .....											
Less than \$2,000 .....	1 666	1 523	956	451	99	17	143	80	52	—	11
\$2,000 to \$2,999 .....	740	677	364	268	40	5	63	15	48	—	—
\$3,000 to \$3,999 .....	819	755	393	303	48	11	64	27	17	20	—
\$4,000 to \$4,999 .....	554	504	273	180	46	5	50	28	22	—	—
\$5,000 to \$5,999 .....	635	621	358	205	41	17	14	4	10	—	—
\$6,000 to \$6,999 .....	685	648	310	287	31	20	37	16	21	—	—
\$7,000 to \$9,999 .....	2 056	1 930	790	955	142	43	126	34	87	5	—
\$10,000 to \$14,999 .....	1 445	1 409	520	673	166	50	36	11	12	7	6
\$15,000 to \$24,999 .....	483	458	154	247	51	6	25	—	25	—	—
\$25,000 or more .....	72	68	24	34	—	10	4	—	4	—	—
Median .....	\$6 200	\$6 300	\$5 200	\$7 300	\$7 600	\$8 200	\$4 200	\$3 500	\$6 000	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b> .....											
Specified renter occupied <sup>2</sup> .....	9 112	8 550	4 125	3 583	658	184	562	215	298	32	17
Less than 10 percent .....	767	644	218	316	72	38	123	36	81	—	6
10 to 14 percent .....	1 690	1 617	698	744	151	24	73	16	57	—	—
15 to 19 percent .....	1 441	1 382	609	620	105	48	59	33	10	16	—
20 to 24 percent .....	1 097	1 043	466	497	63	17	54	20	34	—	—
25 to 34 percent .....	1 046	1 000	499	389	84	28	46	19	27	—	—
35 percent or more .....	2 480	2 326	1 296	863	150	17	154	66	68	16	4
Not computed .....	591	538	339	154	33	12	53	25	21	—	7
<b>HEATING EQUIPMENT</b> .....											
Steam or hot water .....	2 047	1 822	1 107	606	81	28	225	58	150	10	7
Warm-air furnace .....	3 939	3 740	1 714	1 638	297	91	199	77	106	10	6
Built-in electric units .....	390	390	220	157	13	—	—	—	—	—	—
Floor, wall, or pipeless furnace .....	707	686	283	309	63	11	21	16	5	—	—
Other means .....	2 061	1 944	813	887	190	54	117	64	37	12	4
None .....	11	11	5	6	—	—	—	—	—	—	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B—5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## Saginaw

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b> .....	<b>19 152</b>	<b>5</b>	<b>48</b>	<b>293</b>	<b>2 296</b>	<b>6 207</b>	<b>5 282</b>	<b>3 005</b>	<b>2 016</b>	<b>5.6</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	18 819	6	38	267	2 296	6 074	5 179	2 976	1 983	5.6
<b>PERSONS</b> .....										
1 person .....	2 818	—	22	122	616	925	618	322	193	5.2
2 persons .....	5 627	—	11	91	875	2 192	1 456	656	346	5.3
3 persons .....	2 939	—	9	32	419	929	903	381	266	5.6
4 persons .....	2 815	5	—	23	243	976	888	434	246	5.7
5 persons .....	2 005	—	6	—	66	563	624	446	300	6.1
6 persons or more .....	2 948	—	—	25	77	622	793	766	665	6.4
Median .....	2.9	...	...	1.8	2.1	2.5	3.1	3.8	4.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....										
<b>With all plumbing facilities</b> .....	<b>18 950</b>	<b>5</b>	<b>48</b>	<b>271</b>	<b>2 265</b>	<b>6 124</b>	<b>5 247</b>	<b>2 980</b>	<b>2 010</b>	<b>5.6</b>
0.50 or less .....	10 130	—	22	118	1 460	3 045	2 948	1 340	1 197	5.6
0.51 to 1.00 .....	7 326	—	11	105	662	2 457	1 917	1 437	737	5.7
1.01 to 1.50 .....	1 210	—	9	23	98	490	338	176	76	5.5
1.51 or more .....	284	5	6	25	45	132	44	27	—	5.0
<b>Lacking some or all plumbing facilities</b> .....	<b>202</b>	<b>—</b>	<b>—</b>	<b>22</b>	<b>31</b>	<b>83</b>	<b>35</b>	<b>25</b>	<b>6</b>	<b>5.1</b>
0.50 or less .....	155	—	—	4	31	72	29	19	—	5.1
0.51 to 1.00 .....	35	—	—	18	—	11	—	—	6	...
1.01 to 1.50 .....	6	—	—	—	—	—	6	—	—	...
1.51 or more .....	6	—	—	—	—	—	—	6	—	...
<b>BEDROOMS</b> .....										
None and 1 .....	762	—	63	326	252	99	22	—	—	3.5
2 .....	5 702	—	—	19	1 951	2 847	728	95	62	4.8
3 .....	9 098	—	—	—	16	3 258	3 944	1 478	402	5.8
4 or more .....	3 852	—	—	—	—	134	733	1 335	1 650	7.3
<b>YEAR STRUCTURE BUILT</b> .....										
1969 to March 1970 .....	226	—	—	—	5	132	74	5	10	5.3
1960 to 1968 .....	1 794	—	15	21	181	925	391	149	112	5.2
1950 to 1959 .....	3 181	—	4	23	617	1 377	757	285	118	5.2
1949 or earlier .....	13 951	5	29	249	1 493	3 773	4 060	2 566	1 776	5.9
<b>COMPLETE BATHROOMS</b> .....										
1 and 1 1/2 .....	16 689	6	43	221	2 180	5 700	4 623	2 578	1 338	5.5
2 or more .....	2 149	—	—	46	116	381	556	405	645	6.5
None or also used by another household .....	317	—	—	22	46	129	73	28	19	5.2
<b>VALUE-INCOME RATIO</b> .....										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>17 563</b>	<b>5</b>	<b>39</b>	<b>130</b>	<b>1 944</b>	<b>5 672</b>	<b>5 021</b>	<b>2 870</b>	<b>1 882</b>	<b>5.7</b>
Less than 1.5 .....	8 531	—	19	65	896	2 575	2 513	1 468	995	5.8
1.5 to 1.9 .....	2 977	—	10	7	256	1 010	852	466	377	5.7
2.0 to 2.9 .....	2 567	5	—	7	320	878	751	377	229	5.6
3.0 or more .....	3 247	—	8	42	439	1 139	831	522	266	5.5
Not computed .....	241	—	6	6	33	70	74	37	15	5.6
<b>Renter occupied housing units</b> .....	<b>9 155</b>	<b>390</b>	<b>766</b>	<b>2 059</b>	<b>2 305</b>	<b>1 612</b>	<b>1 194</b>	<b>484</b>	<b>345</b>	<b>4.1</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	8 373	91	615	1 967	2 061	1 642	1 227	472	298	4.2
<b>PERSONS</b> .....										
1 person .....	2 840	364	586	1 081	527	1 53	72	21	36	2.9
2 persons .....	2 165	6	108	573	820	398	158	54	48	4.0
3 persons .....	1 536	10	28	261	505	396	232	67	37	4.4
4 persons .....	1 007	6	17	90	239	317	229	59	50	5.0
5 persons .....	673	—	10	21	159	174	187	85	37	5.3
6 persons or more .....	934	4	17	33	55	174	316	198	137	6.1
Median .....	2.3	1.0	1.2	1.5	2.3	3.1	4.1	5.0	4.5	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....										
<b>With all plumbing facilities</b> .....	<b>8 593</b>	<b>173</b>	<b>634</b>	<b>1 952</b>	<b>2 266</b>	<b>1 575</b>	<b>1 194</b>	<b>472</b>	<b>327</b>	<b>4.2</b>
0.50 or less .....	4 142	—	493	1 015	1 336	529	462	130	177	3.9
0.51 to 1.00 .....	3 603	157	85	793	722	882	563	291	110	4.6
1.01 to 1.50 .....	664	—	19	90	192	149	146	46	22	4.7
1.51 or more .....	184	16	37	54	16	15	23	5	18	3.2
<b>Lacking some or all plumbing facilities</b> .....	<b>562</b>	<b>217</b>	<b>132</b>	<b>107</b>	<b>39</b>	<b>37</b>	<b>—</b>	<b>12</b>	<b>18</b>	<b>2.0</b>
0.50 or less .....	215	—	93	66	11	22	—	12	11	2.7
0.51 to 1.00 .....	298	207	23	41	22	5	—	—	—	1.2
1.01 to 1.50 .....	32	—	9	—	6	10	—	—	7	...
1.51 or more .....	17	10	7	—	—	—	—	—	—	...
<b>BEDROOMS</b> .....										
None .....	655	440	176	39	—	—	—	—	—	1.2
1 .....	3 114	—	595	1 752	702	42	23	—	—	3.0
2 .....	3 419	—	—	151	2 010	923	271	44	20	4.3
3 or more .....	1 998	—	—	—	—	384	769	468	377	6.3
<b>YEAR STRUCTURE BUILT</b> .....										
1969 to March 1970 .....	248	16	100	111	17	4	—	—	—	2.6
1960 to 1968 .....	847	46	92	145	286	160	59	35	24	4.0
1950 to 1959 .....	719	44	24	103	213	179	116	23	17	4.4
1949 or earlier .....	7 341	284	550	1 700	1 789	1 269	1 019	426	304	4.1
<b>COMPLETE BATHROOMS</b> .....										
1 and 1 1/2 .....	8 365	147	637	1 980	2 066	1 633	1 178	433	291	4.2
2 or more .....	174	7	12	7	24	16	57	44	7	5.9
None or also used by another household .....	614	220	134	89	57	53	14	15	32	2.1
<b>GROSS RENT AS PERCENTAGE OF INCOME</b> .....										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>9 112</b>	<b>390</b>	<b>766</b>	<b>2 059</b>	<b>2 289</b>	<b>1 590</b>	<b>1 189</b>	<b>484</b>	<b>345</b>	<b>4.1</b>
Less than 10 percent .....	767	122	98	150	117	110	92	51	27	3.6
10 to 14 percent .....	1 690	62	120	423	423	324	226	79	33	4.1
15 to 19 percent .....	1 441	27	71	318	386	310	181	88	60	4.3
20 to 24 percent .....	1 097	28	79	205	278	227	185	58	37	4.4
25 to 34 percent .....	1 046	39	71	252	302	160	133	58	31	4.0
35 percent or more .....	2 480	107	262	613	644	382	298	87	87	3.9
Not computed .....	591	5	65	98	139	77	74	63	70	4.4

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## Saginaw

Saginaw	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	19 152	17 864	1 288	-	9 155	3 091	2 384	1 809	624	368	870	9
ROOMS												
1 room	5	5	-	-	390	4	10	31	48	95	202	-
2 rooms	48	39	9	-	766	44	82	182	156	67	235	-
3 rooms	293	138	155	-	2 059	121	571	722	209	129	307	-
4 rooms	2 296	1 965	331	-	2 305	562	911	557	126	55	90	4
5 rooms	6 207	5 744	463	-	1 612	798	482	219	61	22	30	-
6 rooms	5 282	5 100	182	-	1 194	830	265	81	18	-	-	-
7 rooms	3 005	2 933	72	-	484	411	51	11	6	-	-	5
8 rooms or more	2 016	1 940	76	-	345	321	12	6	-	-	6	-
Median	5.6	5.7	4.8	-	4.1	5.5	4.1	3.5	3.0	2.7	2.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	18 950	17 688	1 262	-	8 593	3 032	2 352	1 658	522	273	747	9
0.50 or less	10 130	9 349	781	-	4 142	1 162	1 152	855	258	197	513	5
0.51 to 1.00	7 326	6 910	416	-	3 603	1 503	1 018	609	188	69	212	4
1.01 to 1.50	1 210	1 159	51	-	664	300	131	173	53	7	-	-
1.51 or more	284	270	14	-	184	67	51	21	23	-	22	-
Lacking some or all plumbing facilities	202	176	26	-	562	59	32	151	102	95	123	-
0.50 or less	155	140	15	-	215	42	16	71	66	10	10	-
0.51 to 1.00	35	24	11	-	298	10	12	55	29	85	107	-
1.01 to 1.50	6	6	-	-	32	7	4	21	-	-	-	-
1.51 or more	6	6	-	-	17	-	-	4	7	-	6	-
BEDROOMS												
None	21	21	-	-	655	23	85	113	42	87	305	-
1	741	400	341	-	3 114	196	727	1 079	306	273	533	-
2	5 702	5 023	679	-	3 419	1 186	1 240	588	196	50	138	21
3	9 098	8 789	309	-	1 367	1 015	211	76	65	-	-	-
4 or more	3 852	3 725	127	-	631	569	62	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	226	221	5	-	248	9	11	6	-	6	216	-
1965 to 1968	740	706	34	-	479	154	50	21	6	71	177	-
1960 to 1964	1 054	1 020	34	-	368	120	71	65	26	16	70	-
1950 to 1959	3 181	3 134	47	-	719	310	169	109	91	-	40	-
1940 to 1949	2 267	2 181	86	-	965	398	343	172	26	20	6	-
1939 or earlier	11 684	10 602	1 082	-	6 376	2 100	1 740	1 436	475	255	361	9
INCOME IN 1969												
Less than \$2,000	1 846	1 631	215	-	1 666	353	380	410	158	61	304	-
\$2,000 to \$2,999	766	689	77	-	740	206	185	160	79	29	81	-
\$3,000 to \$3,999	878	793	85	-	819	257	215	212	45	27	63	-
\$4,000 to \$4,999	781	738	43	-	554	169	177	106	26	24	52	-
\$5,000 to \$5,999	816	733	83	-	635	205	111	173	47	18	81	-
\$6,000 to \$6,999	843	756	87	-	685	227	164	145	67	11	66	5
\$7,000 to \$9,999	3 700	3 474	226	-	2 056	836	555	333	117	113	98	4
\$10,000 to \$14,999	5 429	5 130	299	-	1 445	626	448	217	48	49	57	-
\$15,000 to \$24,999	3 451	3 302	149	-	483	183	138	53	24	29	56	-
\$25,000 or more	642	618	24	-	72	29	11	-	13	7	12	-
Median	\$10 000	\$10 100	\$7 700	-	\$6 200	\$7 500	\$6 800	\$5 100	\$5 100	\$7 400	\$3 800	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 584	1 383	201	-	3 974	1 238	1 085	725	227	193	499	7
1968	1 255	1 182	73	-	1 277	420	419	242	89	66	41	-
1967	1 006	942	64	-	752	345	191	125	37	15	39	-
1965 and 1966	2 053	1 918	135	-	1 035	371	238	194	99	28	105	-
1960 to 1964	3 514	3 363	151	-	1 031	397	258	244	92	20	20	-
1950 to 1959	4 739	4 476	263	-	629	243	132	134	41	22	57	-
1949 or earlier	5 004	4 615	389	-	455	138	65	125	29	21	77	-
GROSS RENT												
Specified renter occupied <sup>1</sup>	...	...	...	...	9 112	3 048	2 384	1 809	624	368	870	9
Less than \$50	...	...	...	...	529	26	40	77	52	40	294	-
\$50 to \$59	...	...	...	...	262	16	29	98	48	40	31	-
\$60 to \$69	...	...	...	...	580	68	122	195	68	44	83	-
\$70 to \$79	...	...	...	...	644	115	165	148	87	40	89	-
\$80 to \$99	...	...	...	...	1 625	325	470	471	187	43	125	4
\$100 to \$119	...	...	...	...	1 873	593	625	429	103	36	87	-
\$120 to \$149	...	...	...	...	1 873	926	529	287	56	50	25	-
\$150 to \$199	...	...	...	...	1 221	640	320	72	19	64	101	5
\$200 to \$299	...	...	...	...	192	126	37	9	-	6	14	-
\$300 or more	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent	...	...	...	...	313	213	47	23	4	5	21	-
Median	...	...	...	...	\$108	\$129	\$111	\$95	\$85	\$86	\$72	...
HEATING EQUIPMENT												
Steam or hot water	2 055	1 757	298	-	2 047	365	384	368	234	167	529	-
Warm-air furnace	13 140	12 411	729	-	3 939	1 418	1 257	728	258	94	180	4
Built-in electric units	173	151	22	-	390	94	55	45	17	65	114	-
Floor, wall, or pipeless furnace	1 137	1 065	72	-	707	312	168	162	37	12	11	5
Other means	2 640	2 473	167	-	2 061	902	520	495	78	30	36	-
None	7	7	-	-	11	-	-	11	-	-	-	-
AIR CONDITIONING												
Room unit(s)	2 810	2 616	194	-	790	278	177	70	45	93	127	-
Central system	603	572	31	-	140	26	13	9	13	-	79	-
None	15 742	14 691	1 051	-	8 223	2 848	2 198	1 710	556	272	632	7
AUTOMOBILES AVAILABLE												
1	10 073	9 336	737	-	4 854	1 769	1 356	923	295	206	305	-
2	5 922	5 658	264	-	1 183	623	349	122	14	38	37	-
3 or more	994	922	72	-	180	80	49	24	21	6	-	-
None	2 166	1 963	203	-	2 936	680	634	720	284	115	496	7

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Saginaw	Two-or-more-person households										One-person households	
	Male head, wife present, no nonrelatives					Other male head		Female head			Under 65 years	65 years and over
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
<b>Owner occupied housing units</b> .....	19 152	466	2 386	2 854	6 020	1 986	487	123	1 431	581	1 230	1 588
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	18 950	466	2 386	2 838	5 999	1 948	473	123	1 431	554	1 226	1 506
0.50 or less .....	10 130	180	429	360	3 068	1 756	289	112	735	469	1 226	1 506
0.51 to 1.00 .....	7 326	276	1 702	1 860	2 566	178	150	11	508	75	-	-
1.01 to 1.50 .....	1 210	10	224	492	273	14	34	-	159	4	-	-
1.51 or more .....	284	-	31	126	92	-	-	-	29	6	-	-
Lacking some or all plumbing facilities .....	202	-	-	16	21	38	14	-	-	27	4	82
0.50 or less .....	155	-	-	-	16	27	8	-	-	18	4	82
0.51 to 1.00 .....	35	-	-	10	5	5	6	-	-	9	-	-
1.01 to 1.50 .....	6	-	-	6	-	-	-	-	-	-	-	-
1.51 or more .....	6	-	-	-	-	6	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	17 864	414	2 210	2 799	5 731	1 853	450	107	1 308	534	1 051	1 407
2 or more .....	1 288	52	176	55	289	133	37	16	123	47	179	181
Mobile home or trailer .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	1 846	17	15	46	119	145	28	21	203	102	300	850
\$2,000 to \$2,999 .....	766	-	14	21	29	194	15	16	104	51	70	252
\$3,000 to \$3,999 .....	878	8	11	34	131	292	9	-	113	31	99	150
\$4,000 to \$4,999 .....	781	13	10	27	99	299	17	5	79	28	108	96
\$5,000 to \$5,999 .....	816	-	38	55	154	231	10	10	123	59	80	56
\$6,000 to \$6,999 .....	843	21	51	70	169	151	40	11	117	58	106	45
\$7,000 to \$9,999 .....	3 700	209	677	526	1 134	258	90	30	281	107	288	100
\$10,000 to \$14,999 .....	5 429	173	1 117	1 274	1 954	259	167	9	253	79	137	7
\$15,000 to \$24,999 .....	3 451	25	413	721	1 821	114	86	21	144	45	42	19
\$25,000 or more .....	642	-	40	80	410	39	25	-	14	21	-	13
Median .....	\$10 000	\$9 500	\$11 700	\$12 500	\$13 000	\$5 300	\$11 000	\$6 900	\$6 800	\$6 300	\$5 500	\$2000-
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup> .....	17 563	414	2 178	2 762	5 628	1 831	430	107	1 267	525	1 020	1 401
Less than 1.5 .....	8 531	209	1 246	1 700	3 583	472	280	36	447	189	283	86
1.5 to 1.9 .....	2 977	143	547	586	994	207	58	19	160	70	102	91
2.0 to 2.4 .....	1 604	34	241	208	456	261	37	15	129	50	119	54
2.5 to 2.9 .....	963	5	29	113	271	222	15	5	118	31	73	81
3.0 to 3.9 .....	1 022	5	46	54	110	282	10	16	111	50	118	220
4.0 or more .....	2 225	18	64	96	203	368	30	16	251	117	258	804
Not computed .....	241	-	5	5	11	19	-	-	51	18	67	65
<b>Renter occupied housing units</b> .....	9 155	1 346	1 175	577	756	263	340	28	1 741	89	1 872	968
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	8 593	1 315	1 162	571	722	252	323	28	1 696	79	1 557	888
0.50 or less .....	4 142	366	229	100	323	158	120	5	519	34	1 447	841
0.51 to 1.00 .....	3 603	828	735	362	284	82	166	23	925	41	110	47
1.01 to 1.50 .....	664	96	158	83	69	6	37	-	211	4	-	-
1.51 or more .....	184	25	40	26	46	6	-	-	41	-	-	-
Lacking some or all plumbing facilities .....	562	31	13	6	34	11	17	-	45	10	315	80
0.50 or less .....	215	-	-	-	12	6	-	-	4	5	140	48
0.51 to 1.00 .....	298	12	6	6	16	5	17	-	24	5	175	32
1.01 to 1.50 .....	32	19	7	-	-	-	-	-	6	-	-	-
1.51 or more .....	17	-	-	-	6	-	-	-	11	-	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	3 091	387	572	377	387	133	130	5	759	18	217	106
2 to 4 .....	4 193	835	520	171	261	67	165	17	809	52	923	373
5 to 19 .....	992	114	66	24	38	19	27	6	122	6	446	124
20 or more .....	870	10	17	5	70	44	18	-	42	13	286	365
Mobile home or trailer .....	9	-	-	-	-	-	-	-	9	-	-	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup> .....	9 112	1 340	1 155	577	756	258	340	28	1 736	89	1 865	968
Less than \$50 .....	529	14	-	-	23	5	-	-	26	12	121	328
\$50 to \$59 .....	262	12	5	11	12	12	11	-	67	-	87	45
\$60 to \$69 .....	580	33	39	8	17	16	6	-	120	11	222	108
\$70 to \$79 .....	644	53	50	15	33	5	13	12	126	5	255	77
\$80 to \$99 .....	1 625	267	107	75	153	70	48	5	270	13	483	134
\$100 to \$119 .....	1 873	400	251	114	124	39	91	-	377	19	352	106
\$120 to \$149 .....	1 873	355	343	168	167	42	94	-	415	19	193	77
\$150 to \$199 .....	1 221	188	283	136	121	16	65	-	280	-	83	49
\$200 to \$299 .....	192	4	46	28	36	11	6	6	31	-	15	9
\$300 or more .....	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent .....	313	14	31	22	70	42	6	5	24	10	54	35
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup> .....	9 112	1 340	1 155	577	756	258	340	28	1 736	89	1 865	968
Less than \$5,000 .....	3 769	297	104	69	192	119	78	28	1 154	49	835	844
Less than 20 percent .....	112	9	-	-	16	-	-	-	14	5	44	24
20 to 24 percent .....	284	37	14	12	12	5	6	-	41	7	82	68
25 to 34 percent .....	616	76	16	20	27	33	12	12	142	6	117	155
35 percent or more .....	2 381	175	68	31	127	60	45	11	821	27	490	526
Not computed .....	376	-	6	6	10	21	15	5	136	4	102	71
\$5,000 to \$9,999 .....	3 359	656	537	272	252	93	160	-	437	20	837	95
Less than 20 percent .....	1 989	398	326	123	148	33	70	-	189	6	657	39
20 to 24 percent .....	723	150	104	95	30	28	62	-	110	9	109	26
25 to 34 percent .....	424	90	78	24	32	18	16	-	96	-	61	9
35 percent or more .....	99	4	14	8	14	-	12	-	36	-	-	11
Not computed .....	124	14	15	22	28	14	-	-	6	5	10	10
\$10,000 to \$14,999 .....	1 429	350	379	125	199	46	71	-	102	15	136	6
Less than 20 percent .....	1 287	320	344	109	170	29	66	-	96	15	132	6
20 to 24 percent .....	90	30	23	16	11	5	5	-	-	-	-	-
25 percent or more .....	6	-	6	-	-	-	-	-	-	-	-	-
Not computed .....	46	-	-	-	-	-	-	-	-	-	-	-
\$15,000 or more .....	555	37	135	111	113	12	-	-	6	-	4	-
Less than 20 percent .....	510	37	125	111	94	-	31	-	43	5	57	23
20 to 24 percent .....	-	-	-	-	-	-	25	-	43	-	52	23
25 percent or more .....	-	-	-	-	-	-	-	-	-	-	-	-
Not computed .....	45	-	10	-	19	-	6	-	-	5	-	-

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B—8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Saginaw	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>19 152</b>	<b>2 818</b>	<b>5 627</b>	<b>2 939</b>	<b>2 815</b>	<b>2 005</b>	<b>1 292</b>	<b>921</b>	<b>735</b>	<b>2.9</b>
<b>BEDROOMS</b>										
None and 1	762	225	366	26	102	—	24	19	—	1.9
2	5 702	1 267	2 314	1 140	618	211	68	59	25	2.2
3	9 098	944	2 286	1 359	1 903	1 207	754	356	289	3.5
4 or more	3 852	439	572	474	514	402	525	536	390	4.4
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	226	5	15	33	53	38	31	30	21	4.7
1965 to 1968	740	44	126	154	162	106	65	33	50	3.8
1960 to 1964	1 054	78	210	173	225	183	69	89	27	3.8
1950 to 1959	3 181	330	1 020	577	586	302	205	94	67	2.9
1940 to 1949	2 267	333	633	363	333	311	152	86	56	3.0
1939 or earlier	11 684	2 028	3 623	1 639	1 456	1 065	770	589	514	2.6
<b>UNITS IN STRUCTURE</b>										
1	17 864	2 458	5 204	2 738	2 686	1 938	1 235	902	703	3.0
2 or more	1 288	360	423	201	129	67	57	19	32	2.2
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	16 689	2 523	5 083	2 521	2 430	1 763	1 088	735	546	2.8
2 and 2 1/2	1 906	172	415	342	283	250	170	145	129	3.6
3 or more	243	38	48	55	19	23	20	33	7	3.1
None or also used by another household	317	108	134	5	15	6	7	7	35	1.9
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>16 334</b>	<b>...</b>	<b>5 627</b>	<b>2 939</b>	<b>2 815</b>	<b>2 005</b>	<b>1 292</b>	<b>921</b>	<b>735</b>	<b>3.4</b>
Male head, wife present, no nonrelatives	13 712	...	4 357	2 424	2 518	1 818	1 149	813	633	3.5
Under 25 years	466	...	99	167	132	39	19	4	6	3.3
25 to 34 years	2 386	...	201	412	514	39	244	174	79	4.3
35 to 44 years	2 854	...	139	229	587	666	549	377	307	5.2
45 to 64 years	6 020	...	2 291	1 366	977	570	327	258	231	3.0
65 years and over	1 986	...	1 627	250	60	29	10	—	10	2.1
Other male head	610	...	347	111	74	32	10	18	18	2.4
Under 65 years	487	...	243	98	68	32	10	18	18	2.5
65 years and over	123	...	104	13	6	—	—	—	—	2.1
Female head	2 012	...	923	404	223	155	133	90	84	2.7
Under 65 years	1 431	...	504	306	202	135	116	90	78	3.2
65 years and over	581	...	419	98	21	20	17	—	6	2.2
<b>One-person households</b>	<b>2 818</b>	<b>2 818</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>17 563</b>	<b>2 421</b>	<b>5 120</b>	<b>2 693</b>	<b>2 667</b>	<b>1 908</b>	<b>1 212</b>	<b>861</b>	<b>681</b>	<b>3.0</b>
Less than 1.5	8 531	369	2 008	1 571	1 586	1 128	799	583	487	3.7
1.5 to 1.9	2 977	193	842	557	598	362	206	140	79	3.3
2.0 to 2.4	1 604	173	685	202	208	158	81	66	31	2.4
2.5 to 2.9	963	154	469	76	95	108	38	23	—	2.2
3.0 to 3.9	1 022	338	429	74	51	62	38	15	15	1.9
4.0 or more	2 225	1 062	634	186	114	86	50	24	69	1.6
Not computed	241	132	53	27	15	4	—	10	—	1.4
<b>Renter occupied housing units</b>	<b>9 155</b>	<b>2 840</b>	<b>2 165</b>	<b>1 536</b>	<b>1 007</b>	<b>673</b>	<b>389</b>	<b>342</b>	<b>203</b>	<b>2.3</b>
<b>BEDROOMS</b>										
None	655	594	39	22	—	—	—	—	—	1.1
1	3 114	1 791	965	299	59	—	—	—	—	1.4
2	3 419	523	1 047	878	365	436	66	82	22	2.7
3 or more	1 998	63	180	358	371	420	191	242	173	4.6
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	248	193	46	5	4	—	—	—	—	1.1
1965 to 1968	479	147	134	79	59	22	10	22	6	2.2
1960 to 1964	368	147	39	59	42	43	18	15	5	2.4
1950 to 1959	719	135	178	133	96	84	37	40	16	2.8
1940 to 1949	965	177	242	190	181	56	62	40	17	2.8
1939 or earlier	6 376	2 041	1 526	1 070	625	468	262	225	159	2.3
<b>UNITS IN STRUCTURE</b>										
1	3 091	323	586	677	504	406	250	179	166	3.4
2	2 384	599	697	519	284	140	64	61	20	2.4
3 and 4	1 809	697	520	217	143	96	65	65	6	1.9
5 to 9	624	299	128	68	56	31	—	31	11	1.6
10 to 19	368	271	60	37	—	—	—	—	—	1.2
20 or more	870	651	174	13	16	—	10	6	—	1.2
Mobile home or trailer	9	—	—	5	4	—	—	—	—	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	8 365	2 389	2 006	1 458	1 026	572	416	324	174	2.4
2 or more	174	31	22	42	16	42	8	—	13	3.3
None or also used by another household	614	393	83	43	43	25	12	5	10	1.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>6 315</b>	<b>...</b>	<b>2 165</b>	<b>1 536</b>	<b>1 007</b>	<b>673</b>	<b>389</b>	<b>342</b>	<b>203</b>	<b>3.1</b>
Male head, wife present, no nonrelatives	4 117	...	1 407	1 021	636	473	256	177	147	3.1
Under 25 years	1 346	...	476	541	179	77	42	31	—	2.9
25 to 34 years	1 175	...	259	229	263	200	106	71	47	3.9
35 to 44 years	577	...	105	101	96	119	77	42	37	4.4
45 to 64 years	756	...	370	111	87	67	31	27	63	2.6
65 years and over	263	...	197	39	11	10	—	6	—	2.2
Other male head	368	...	175	82	51	22	23	11	4	2.6
Under 65 years	340	...	153	76	51	22	—	—	—	2.7
65 years and over	28	...	22	6	—	—	110	154	52	3.3
Female head	1 830	...	583	433	320	178	104	154	52	3.3
Under 65 years	1 741	...	508	433	312	178	104	—	—	...
65 years and over	89	...	75	—	8	—	6	—	—	1.0
<b>One-person households</b>	<b>2 840</b>	<b>2 840</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>9 112</b>	<b>2 833</b>	<b>2 160</b>	<b>1 520</b>	<b>998</b>	<b>673</b>	<b>383</b>	<b>342</b>	<b>203</b>	<b>2.3</b>
Less than 10 percent	767	257	148	120	80	61	47	30	24	2.4
10 to 14 percent	1 690	388	511	300	171	136	106	60	18	2.4
15 to 19 percent	1 441	332	362	252	222	114	53	49	57	2.6
20 to 24 percent	1 097	285	272	190	123	120	43	35	29	2.5
25 to 34 percent	1 046	342	219	183	151	61	35	20	35	2.3
35 percent or more	2 480	1 027	487	402	205	148	67	116	28	1.9
Not computed	591	202	161	73	46	33	32	32	12	2.1

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B—9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Saginaw					Saginaw				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
<b>Vacant for sale</b> .....	<b>236</b>	<b>83</b>	<b>87</b>	<b>66</b>	<b>Vacant for rent</b> .....	<b>736</b>	<b>320</b>	<b>296</b>	<b>120</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	12	6	6	—	1 room .....	115	27	88	—
4 rooms .....	37	5	20	12	2 rooms .....	63	30	11	22
5 rooms .....	77	35	30	12	3 rooms .....	179	73	68	38
6 rooms .....	36	5	10	21	4 rooms .....	195	101	61	33
7 rooms or more .....	74	32	21	21	5 rooms .....	107	48	43	16
					6 rooms .....	48	31	13	4
					7 rooms or more .....	29	10	12	7
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	228	78	87	63	With all plumbing facilities .....	665	286	273	106
Lacking some or all plumbing facilities .....	8	5	—	3	Lacking some or all plumbing facilities .....	71	34	23	14
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	24	—	24	—	None .....	73	24	49	—
2 .....	71	—	49	22	1 .....	226	130	61	35
3 .....	71	24	24	23	2 .....	223	121	51	51
4 or more .....	71	24	24	23	3 or more .....	97	48	49	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1949 to March 1970 .....	19	9	10	—	1949 to March 1970 .....	80	—	80	—
1949 to 1968 .....	12	3	9	—	1960 to 1968 .....	52	31	14	7
1950 to 1959 .....	23	7	16	—	1950 to 1959 .....	27	13	14	—
1949 or earlier .....	182	64	52	66	1949 or earlier .....	577	276	188	113
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	177	74	54	49	1 .....	167	55	62	50
2 or more .....	59	9	33	17	2 to 4 .....	257	125	96	36
<b>HEATING EQUIPMENT</b>					5 to 9 .....	85	51	34	—
Steam or hot water .....	71	10	29	32	10 to 19 .....	77	50	12	15
Warm-air furnace .....	125	55	45	25	20 or more .....	150	39	92	19
Built-in electric units .....	—	—	—	—					
Floor, wall, or pipeless furnace .....	5	2	3	—					
Other means .....	35	16	10	9					
None .....	—	—	—	—					
<b>SALES PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale <sup>1</sup> .....	177	74	54	49	Specified vacant for rent <sup>2</sup> .....	736	320	296	120
Less than \$5,000 .....	22	15	4	3	Less than \$50 .....	64	22	38	4
\$5,000 to \$9,999 .....	39	20	3	16	\$50 to \$59 .....	25	10	15	—
\$10,000 to \$14,999 .....	56	18	20	18	\$60 to \$79 .....	156	85	45	26
\$15,000 to \$19,999 .....	37	14	14	9	\$80 to \$99 .....	242	80	129	33
\$20,000 to \$24,999 .....	10	7	—	3	\$100 to \$119 .....	138	77	27	34
\$25,000 to \$34,999 .....	5	—	5	—	\$120 to \$149 .....	87	36	38	13
\$35,000 to \$49,999 .....	8	—	8	—	\$150 to \$199 .....	21	10	4	7
\$50,000 or more .....	—	—	—	—	\$200 or more .....	3	—	—	3
Median price asked .....	\$12 500	...	...	...	Median rent asked .....	\$90	\$91	\$88	\$98

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B—10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Sales price asked—Vacant for sale <sup>1</sup>								Rent asked—Vacant for rent <sup>2</sup>						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
<b>Total</b> .....	<b>177</b>	<b>61</b>	<b>56</b>	<b>37</b>	<b>10</b>	<b>5</b>	<b>8</b>	<b>736</b>	<b>89</b>	<b>156</b>	<b>242</b>	<b>225</b>	<b>21</b>	<b>3</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	167	59	37	47	24	—	—	582	56	166	177	159	24	—
Lacking some or all plumbing facilities .....	11	11	—	—	—	—	—	37	—	25	—	12	—	—
<b>BEDROOMS</b>														
None and 1 .....	—	—	—	—	—	—	—	299	28	65	137	58	11	—
2 .....	36	23	13	—	—	—	—	223	12	77	24	97	13	—
3 .....	71	—	—	47	24	—	—	49	—	49	—	—	—	—
4 or more .....	71	47	24	—	—	—	—	48	16	—	16	16	—	—
<b>YEAR STRUCTURE BUILT</b>														
1949 to March 1970 .....	9	—	—	9	—	—	—	80	—	—	76	4	—	—
1949 to 1968 .....	9	—	—	6	3	—	—	52	4	—	7	35	6	—
1950 to 1959 .....	23	10	5	—	—	5	3	27	6	—	8	13	—	—
1949 or earlier .....	136	51	51	22	7	—	5	577	79	156	151	173	15	3
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	167	22	38	40	67	—	—
2 to 4 .....	...	...	...	...	...	...	...	257	12	52	88	98	4	3
5 to 19 .....	...	...	...	...	...	...	...	162	40	47	24	42	9	—
20 or more .....	...	...	...	...	...	...	...	150	15	19	90	18	8	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	348	60	52	133	89	14	—
Some or no utilities included .....	...	...	...	...	...	...	...	388	29	104	109	136	7	3

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

## Appendix A.—AREA CLASSIFICATIONS

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

### COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

### PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

### STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, **Standard Metropolitan Statistical Areas: 1967**, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA

## Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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### GENERAL

**Self-enumeration and census questionnaire.**—As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

### Comparability with 1960 data.—

Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechanical refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

**Housing units.**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

**Group quarters.**—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Rules for mobile homes, hotels, rooming houses, etc.**—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit

criteria; other living quarters are considered group quarters.

**Institutions.**—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

#### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied housing units.**—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent—for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

**Race.**—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

**Spanish heritage.**—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

**Puerto Rican birth or parentage.**—Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

**Spanish language or Spanish surname.**—In five Southwestern States—Arizona, California, Colorado, New Mexico, and Texas—household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

**Spanish language.**—In all other States and the District of Columbia, household heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

**Tenure.**—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A

cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

**Year moved into unit.**—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

**Vacant housing units.**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy status.**—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

**Vacant for sale.**—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

**Vacant for rent.**—Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

**Duration of vacancy.**—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

#### UTILIZATION CHARACTERISTICS

**Persons.**—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

**Rooms.**—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers,

utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

**Persons per room.**—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

**Bedrooms.**—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

#### STRUCTURAL AND PLUMBING CHARACTERISTICS

**Direct access.**—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

**Complete kitchen facilities.**—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

**Year structure built.**—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

**Units in structure.**—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

**Elevator in structure.**—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

**Plumbing facilities.**—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

**Complete bathrooms.**—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

## EQUIPMENT, FUELS, AND APPLIANCES

**Heating equipment.**—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

**Air conditioning.**—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

**Automobiles available.**—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

**Appliances.**—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

**Automatic clothes washing machine.**—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

**Clothes dryer.**—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

**Dishwasher.**—This category includes both built-in and portable dishwashers.

**Home food freezer.**—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

**Owned second home.**—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

## FINANCIAL CHARACTERISTICS

**Value.**—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

**Sales price asked.**—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

**Gross rent.**—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

**Rent asked.**—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

**Value-income ratio.**—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

**Gross rent as percentage of income.**—The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

## HOUSEHOLD CHARACTERISTICS

**Head of household.**—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

**Household composition.**—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

**Male head, wife present, no non-relatives.**—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

**Other male head.**—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

**Female head.**—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

**Nonrelative.**—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

**Family or primary individual.**—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

**Income in 1969.**—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

# APPENDIX B—Continued

## FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

<p><b>A. How many living quarters, occupied and vacant, are at this address?</b></p> <p> <input type="radio"/> One  <input type="radio"/> 2 apartments or living quarters  <input type="radio"/> 3 apartments or living quarters  <input type="radio"/> 4 apartments or living quarters  <input type="radio"/> 5 apartments or living quarters  <input type="radio"/> 6 apartments or living quarters  <input type="radio"/> 7 apartments or living quarters  <input type="radio"/> 8 apartments or living quarters  <input type="radio"/> 9 apartments or living quarters  <input type="radio"/> 10 or more apartments or living quarters  <input type="radio"/> This is a mobile home or trailer         </p>	<p><b>H9. Are your living quarters—</b></p> <p> <input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i>  <input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?  <input type="radio"/> Rented for cash rent?  <input type="radio"/> Occupied without payment of cash rent?         </p>	<p style="text-align: center;"><b>FOR CENSUS ENUMERATOR'S USE ONLY</b></p> <table border="1"> <thead> <tr> <th>a4. Block number</th> <th>a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>1 0 0 0</td><td>1 0 0 0</td></tr> <tr><td>2 0 0 0</td><td>2 0 0 0</td></tr> <tr><td>3 0 0 0</td><td>3 0 0 0</td></tr> <tr><td>4 0 0 0</td><td>4 0 0 0</td></tr> <tr><td>5 0 0 0</td><td>5 0 0 0</td></tr> <tr><td>6 0 0 0</td><td>6 0 0 0</td></tr> <tr><td>7 0 0 0</td><td>7 0 0 0</td></tr> <tr><td>8 0 0 0</td><td>8 0 0 0</td></tr> <tr><td>9 0 0 0</td><td>9 0 0 0</td></tr> </tbody> </table>	a4. Block number	a5. Serial number	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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<p><i>Answer these questions for your living quarters</i></p> <p><b>H1. Is there a telephone on which people in your living quarters can be called?</b></p> <p> <input type="radio"/> Yes — What is the number? _____  <input type="radio"/> No         </p>	<p><b>H10a. Is this building a one-family house?</b></p> <p> <input type="radio"/> Yes, a one-family house  <input type="radio"/> No, a building for 2 or more families or a mobile home or trailer         </p> <p><b>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</b></p> <p> <input type="radio"/> Yes, 10 acres or more  <input type="radio"/> Yes, commercial establishment or medical office  <input type="radio"/> No, none of the above         </p>																							
<p><b>H2. Do you enter your living quarters—</b></p> <p> <input type="radio"/> Directly from the outside or through a common or public hall?  <input type="radio"/> Through someone else's living quarters?         </p> <p><b>H3. Do you have complete kitchen facilities?</b> <i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No complete kitchen facilities for this household         </p>	<p><b>H11. If you live in a one-family house which you own or are buying—</b> <b>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</b></p> <p> <input type="radio"/> Less than \$5,000  <input type="radio"/> \$5,000 to \$7,499  <input type="radio"/> \$7,500 to \$9,999  <input type="radio"/> \$10,000 to \$12,499  <input type="radio"/> \$12,500 to \$14,999  <input type="radio"/> \$15,000 to \$17,499  <input type="radio"/> \$17,500 to \$19,999  <input type="radio"/> \$20,000 to \$24,999  <input type="radio"/> \$25,000 to \$34,999  <input type="radio"/> \$35,000 to \$49,999  <input type="radio"/> \$50,000 or more         </p> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p>	<p><b>B. Type of unit or quarters</b></p> <p><u>Occupied</u></p> <p> <input type="radio"/> First form  <input type="radio"/> Continuation         </p> <p><u>Vacant</u></p> <p> <input type="radio"/> Regular  <input type="radio"/> Usual residence elsewhere  <input type="radio"/> Group quarters         </p> <p> <input type="radio"/> First form  <input type="radio"/> Continuation         </p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p>																						
<p><b>H4. How many rooms do you have in your living quarters?</b> <i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p> <input type="radio"/> 1 room      <input type="radio"/> 6 rooms  <input type="radio"/> 2 rooms      <input type="radio"/> 7 rooms  <input type="radio"/> 3 rooms      <input type="radio"/> 8 rooms  <input type="radio"/> 4 rooms      <input type="radio"/> 9 rooms or more  <input type="radio"/> 5 rooms         </p>	<p><b>H12. Answer this question if you pay rent for your living quarters.</b></p> <p><b>a. If rent is paid by the month—</b> <b>What is the monthly rent?</b></p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p><i>and</i></p> <p>Fill one circle →</p> <p> <input type="radio"/> Less than \$30  <input type="radio"/> \$30 to \$39  <input type="radio"/> \$40 to \$49  <input type="radio"/> \$50 to \$59  <input type="radio"/> \$60 to \$69  <input type="radio"/> \$70 to \$79  <input type="radio"/> \$80 to \$89  <input type="radio"/> \$90 to \$99  <input type="radio"/> \$100 to \$119  <input type="radio"/> \$120 to \$149  <input type="radio"/> \$150 to \$199  <input type="radio"/> \$200 to \$249  <input type="radio"/> \$250 to \$299  <input type="radio"/> \$300 or more         </p>	<p><b>C. Vacancy status</b></p> <p><u>Year round—</u></p> <p> <input type="radio"/> For rent  <input type="radio"/> For sale only  <input type="radio"/> Rented or sold, not occupied  <input type="radio"/> Held for occasional use  <input type="radio"/> Other vacant         </p> <p> <input type="radio"/> Seasonal  <input type="radio"/> Migratory         </p>																						
<p><b>H5. Is there hot and cold piped water in this building?</b></p> <p> <input type="radio"/> Yes, hot and cold piped water in this building  <input type="radio"/> No, only cold piped water in this building  <input type="radio"/> No piped water in this building         </p>	<p><b>b. If rent is not paid by the month—</b> <b>What is the rent, and what period of time does it cover?</b></p> <p>\$ _____ .00 per _____ (Nearest dollar) (Week, half-month, year, etc.)</p>	<p><b>D. Months vacant</b></p> <p> <input type="radio"/> Less than 1 month  <input type="radio"/> 1 up to 2 months  <input type="radio"/> 2 up to 6 months  <input type="radio"/> 6 up to 12 months  <input type="radio"/> 1 year up to 2 years  <input type="radio"/> 2 years or more         </p> <p>C/O <input type="radio"/> <input type="radio"/></p>																						
<p><b>H6. Do you have a flush toilet?</b></p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No flush toilet         </p>																								
<p><b>H7. Do you have a bathtub or shower?</b></p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No bathtub or shower         </p>																								
<p><b>H8. Is there a basement in this building?</b></p> <p> <input type="radio"/> Yes  <input type="radio"/> No, built on a concrete slab  <input type="radio"/> No, built in another way (include mobile homes and trailers)         </p>																								

# APPENDIX B—Continued

## FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

15 and 5  
percent

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters.</p> <p>In addition to the rent entered in H12, do you also pay for—</p> <p><b>a. Electricity?</b></p> <p><input type="radio"/> Yes, average monthly cost is \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <p><b>b. Gas?</b></p> <p><input type="radio"/> Yes, average monthly cost is \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <p><b>c. Water?</b></p> <p><input type="radio"/> Yes, yearly cost is \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p><b>d. Oil, coal, kerosene, wood, etc.?</b></p> <p><input type="radio"/> Yes, yearly cost is \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p><b>H19.</b> Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p> <p><b>H20.</b> Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p>
<p><b>H14.</b> How are your living quarters heated?</p> <p>Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p><b>H21.</b> How many bathrooms do you have?</p> <p>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</p> <p>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970      <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968      <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964      <input type="radio"/> 1939 or earlier</p>	<p><b>H22.</b> Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p>
<p><b>H16.</b> Which best describes this building?</p> <p>Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p><b>H23.</b> How many passenger automobiles are owned or regularly used by members of your household?</p> <p>Count company cars kept at home.</p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
<p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	
<p><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15  
percent

# APPENDIX B—Continued

## FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

15 and 5  
percent

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p><b>H24a.</b> How many stories (floors) are in this building?</p> <p><input type="radio"/> 1 to 3 stories</p> <p><input type="radio"/> 4 to 6 stories</p> <p><input type="radio"/> 7 to 12 stories</p> <p><input type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H14.</b> How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p><b>H25a.</b> Which fuel is used most for cooking?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p><input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <p>b. Which fuel is used most for house heating?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p><input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p>
<p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p><b>H25c.</b> Which fuel is used most for water heating?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p><input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <p><b>H26.</b> How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 1 bedroom <input type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p><b>H16.</b> Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe → _____</p>	<p><b>H27a.</b> Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <p>b. Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p><b>H28a.</b> Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	<p><b>H29.</b> Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p><b>H30.</b> Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>

5  
percent

## APPENDIX B—Continued

### FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you **must** go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do **not** have to be in the same room.  
**Also used by another household** means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do **not** count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark **hot water** even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of **Also used by another household**.
- H8. A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a **concrete slab** has no basement and no air or crawl space below it. A house built in **another way** is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.  
Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.  
**Occupied without payment of cash rent** includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10. A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.  
a. If you pay rent by the month, write in the amount of rent and fill one circle.  
b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( ) the two utilities.
- H14. This question refers to the type of heating equipment and not to the fuel used.  
A **heat pump** is sometimes known as a **reverse cycle** system.  
A **floor, wall, or pipeless furnace** delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.  
Any heater that you plug into an electric outlet should be counted as a **portable room heater**--not a built-in electric unit.
- H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.  
**Detached** means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17. A **city or suburban lot** is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a **city or suburban lot**.  
A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this **residence** is located.
- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20. A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.  
b. Do not count elevators used only for freight.
- H25. **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do **not** count coin-operated equipment or appliances in storage.
- H28. Count any set **equipped** to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do **not** count vacation trailers, tents, or boats. Also do **not** count second homes used only for investment purposes.

## Appendix C.—ACCURACY OF THE DATA

SOURCES OF ERROR.....	App-14
EDITING OF UNACCEPTABLE DATA .....	App-14
SAMPLE DESIGN .....	App-14
RATIO ESTIMATION .....	App-15
SAMPLING VARIABILITY .....	App-16

### SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper micro-filming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

### SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5-percent sample by designating every fourth 20-percent sample unit as a

member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<b>OCCUPANCY CHARACTERISTICS</b>		<b>EQUIPMENT AND APPLIANCES</b>	
Occupied housing units .....	20	Heating equipment .....	20
Tenure .....	20	Air conditioning .....	15
Race .....	20	Automobiles available .....	15
Spanish heritage .....	15	Second home .....	5
Year moved into unit .....	15	Clothes washing machine .....	5
		Clothes dryer .....	5
		Dishwasher .....	5
		Home food freezer .....	5
<b>VACANCY CHARACTERISTICS</b>		<b>FINANCIAL CHARACTERISTICS</b>	
Vacant for sale .....	20	Value .....	20
Vacant for rent .....	20	Sales price asked .....	20
Duration of vacancy .....	20	Gross rent .....	20
		Rent asked .....	20
<b>UTILIZATION CHARACTERISTICS</b>		Inclusion of utilities .....	20
Number of rooms .....	20	in rent .....	20
Size of household (persons) .....	20	Value-income ratio .....	20
Persons per room .....	20	Gross rent as percentage .....	20
Bedrooms .....	5	of income .....	20
<b>PLUMBING CHARACTERISTICS</b>		<b>HOUSEHOLD CHARACTERISTICS</b>	
Plumbing facilities .....	20	Household composition .....	20
Complete bathrooms .....	15	Income .....	20
<b>STRUCTURAL CHARACTERISTICS</b>			
Complete kitchen .....			
facilities .....	20		
Access .....	20		
Units in structure .....	20		
Mobile home or trailer .....	20		
Year structure built .....	20		
Elevator in structure .....	5		

## RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do

not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

#### Group

#### Occupied housing units:

##### STAGE I

##### *Male Head With Own Children Under 18*

1	1-person household
2	2-person household
3	3-person household
.	.
.	.
6	6-or-more-person household

##### *Male Head Without Own Children Under 18*

7-12	1-person to 6-or-more-person households
------	---

##### *Female Head*

13-18	1-person to 6-or-more-person households
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##### STAGE II

##### *Owner Occupied*

19	Negro
20	Not Negro

##### *Renter Occupied*

21	Negro
22	Not Negro

#### Vacant housing units:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, con-

sistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20-percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

#### SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than  $2\frac{1}{2}$  times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.

3. For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated  $N/2$ ). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to  $N/2$ . Subtract this standard error from  $N/2$ . Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between  $N/2$  and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to  $N/2$ , cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of  $N/2$  and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

tracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the

values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated number <sup>1</sup>	Number of housing units in area <sup>2</sup>						
	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50 .....	15	15	15	15	15	15	15
100 .....	20	20	20	20	20	20	20
250 .....	30	30	30	30	30	30	30
500 .....	45	45	45	45	45	45	45
1,000 .....	60	60	65	65	65	65	65
2,500 .....	90	95	100	100	100	100	100
5,000 .....	100	130	140	140	140	140	140
10,000 .....	...	150	190	200	200	200	200
15,000 .....	...	150	230	240	240	240	240
25,000 .....	...	...	270	300	310	310	320
50,000 .....	...	...	320	400	440	440	440
75,000 .....	...	...	270	450	520	540	540
100,000 .....	...	...	...	490	600	620	630

<sup>1</sup> For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

<sup>2</sup> An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated percentage	Base of percentage						
	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98 .....	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95 .....	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90 .....	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75 .....	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50 .....	4.5	3.2	2.0	1.0	0.6	0.3	0.2

TABLE D. Factor to be Applied to Standard Errors

Characteristic <sup>1</sup>	Factor if sample rate is—			Characteristic <sup>1</sup>	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>				<b>EQUIPMENT, FUELS, AND APPLIANCES</b>			
Year moved into unit .....	...	1.1	...	Heating equipment .....	0.8	0.9	...
Duration of vacancy .....	0.8	...	1.7	Air conditioning .....	...	1.1	...
				Automobiles available .....	...	1.0	...
<b>UTILIZATION CHARACTERISTICS</b>				Appliances .....	...	...	1.9
Rooms .....	1.0	1.1	2.1				
Size of household (persons) .....	0.5	0.6	1.2	<b>FINANCIAL CHARACTERISTICS</b>			
Persons per room .....	0.4	0.5	0.9	Value .....	1.0	1.1	2.1
Bedrooms .....	...	...	2.1	Value-income ratio .....	1.0	1.2	...
				Gross rent .....	0.9	1.1	2.1
<b>PLUMBING CHARACTERISTICS</b>				Gross rent as percentage of income	1.0	1.2	...
Complete bathrooms .....	...	1.1	...	Sales price asked .....	1.1	...	2.5
Plumbing facilities .....	1.0	...	...	Rent asked .....	1.1	...	2.5
<b>STRUCTURAL CHARACTERISTICS</b>				<b>HOUSEHOLD CHARACTERISTICS</b>			
Units in structure .....	0.8	0.9	1.7	Household composition .....	0.6	0.7	...
Year structure built .....	0.9	1.0	...	Income in 1969 .....	1.0	1.2	2.3
				ALL OTHERS .....	1.0	1.2	2.2

<sup>1</sup>Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

## Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

### Housing Census Reports

#### Volume I.

##### HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

#### ■ Series HC(1)-A.

##### GENERAL HOUSING CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

#### ■ Series HC(1)-B.

##### DETAILED HOUSING CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

#### Volume II.

##### METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

#### Volume III.

##### BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

#### Volume IV.

##### COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Cross-tabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

#### Volume V.

##### RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, home-owner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

#### Volume VI.

##### ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

#### Volume VII.

##### SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

### Population Census Reports

#### Volume I.

##### CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

#### ■ Series PC(1)-A.

##### NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

#### ■ Series PC(1)-B.

##### GENERAL POPULATION CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

#### ■ Series PC(1)-C.

##### GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

■ Series PC(1)-D.

**DETAILED CHARACTERISTICS**

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

**Volume II.**

**SUBJECT REPORTS**

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

**Joint Population-Housing Reports**

Series PHC(1).

**CENSUS TRACT REPORTS**

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

**GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970**

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

**EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS**

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural poverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

**Additional Reports**

Series PHC(E).

**EVALUATION REPORTS**

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

**PROCEDURAL REPORTS**

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

**Computer Summary Tapes**

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

**First Count**—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

**Second Count**—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

**Third Count**—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

**Fourth Count**—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

**Fifth Count**—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

**Sixth Count**—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

**U.S. DEPARTMENT OF COMMERCE**  
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A UNITED STATES  
DEPARTMENT OF  
**COMMERCE**  
PUBLICATION



# Metropolitan Housing Characteristics

ST. JOSEPH, MO.  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-186

A stylized graphic on a dark, textured background. On the left, a cluster of white rectangular blocks of varying heights represents a city skyline. To the right and below the skyline, numerous white silhouettes of houses and buildings are scattered, some with gabled roofs and others more industrial in shape. The text "1970 CENSUS OF HOUSING" is printed in large, bold, white capital letters in the center-right of the image.

1970  
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### **HOUSING DIVISION**

**Arthur F. Young, Chief**

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This report was planned and written in the Housing Division under the supervision of **Arthur F. Young**, Chief, by **Aaron Josowitz**, Assistant Division Chief, **Nathan Krevor**, Chief, Coordination and Research Branch, and **Paul F. Coe**, assisted by **Robert W. Bonnette**, **William Downs**, and **Edward D. Montfort**.

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# 1970 CENSUS OF HOUSING

## Metropolitan Housing Characteristics

ST. JOSEPH, MO.  
STANDARD METROPOLITAN  
STATISTICAL AREA

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1	United States and Regions	43	Chattanooga, Tenn.-Ga. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
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3	Akron, Ohio SMSA	45	Cincinnati, Ohio-Ky.-Ind. SMSA	87	Hamilton-Middletown, Ohio SMSA
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15	Atlanta, Ga. SMSA	57	Decatur, Ill. SMSA	99	Johnstown, Pa. SMSA
16	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	100	Kalamazoo, Mich. SMSA
17	Augusta, Ga.-S.C. SMSA	59	Des Moines, Iowa SMSA	101	Kansas City, Mo.-Kans. SMSA
18	Austin, Tex. SMSA	60	Detroit, Mich. SMSA	102	Kenosha, Wis. SMSA
19	Bakersfield, Calif. SMSA	61	Dubuque, Iowa SMSA	103	Knoxville, Tenn. SMSA
20	Baltimore, Md. SMSA	62	Duluth-Superior, Minn.-Wis. SMSA	104	La Crosse, Wis. SMSA
21	Baton Rouge, La. SMSA	63	Durham, N.C. SMSA	105	Lafayette, La. SMSA
22	Bay City, Mich. SMSA	64	El Paso, Tex. SMSA	106	Lafayette-West Lafayette, Ind. SMSA
23	Beaumont-Port Arthur-Orange, Tex. SMSA	65	Erie, Pa. SMSA	107	Lake Charles, La. SMSA
24	Billings, Mont. SMSA	66	Eugene, Oreg. SMSA	108	Lancaster, Pa. SMSA
25	Biloxi-Gulfport, Miss. SMSA	67	Evansville, Ind.-Ky. SMSA	109	Lansing, Mich. SMSA
26	Binghamton, N.Y.-Pa. SMSA	68	Fall River, Mass.-R.I. SMSA	110	Laredo, Tex. SMSA
27	Birmingham, Ala. SMSA	69	Fargo-Moorhead, N. Dak.-Minn. SMSA	111	Las Vegas, Nev. SMSA
28	Bloomington-Normal, Ill. SMSA	70	Fayetteville, N.C. SMSA	112	Lawrence-Haverhill, Mass.-N.H. SMSA
29	Boise City, Idaho SMSA	71	Fitchburg-Leominster, Mass. SMSA	113	Lawton, Okla. SMSA
30	Boston, Mass. SMSA	72	Flint, Mich. SMSA	114	Lewiston-Auburn, Maine SMSA
31	Bridgeport, Conn. SMSA	73	Fort Lauderdale-Hollywood, Fla. SMSA	115	Lexington, Ky. SMSA
32	Bristol, Conn. SMSA	74	Fort Smith, Ark.-Okla. SMSA	116	Lima, Ohio SMSA
33	Brockton, Mass. SMSA	75	Fort Wayne, Ind. SMSA	117	Lincoln, Nebr. SMSA
34	Brownsville-Harlingen-San Benito, Tex. SMSA	76	Fort Worth, Tex. SMSA	118	Little Rock-North Little Rock, Ark. SMSA
35	Bryan-College Station, Tex. SMSA	77	Fresno, Calif. SMSA	119	Lorain-Elyria, Ohio SMSA
36	Buffalo, N.Y. SMSA	78	Gadsden, Ala. SMSA	120	Los Angeles-Long Beach, Calif. SMSA
37	Canton, Ohio SMSA	79	Gainesville, Fla. SMSA	121	Louisville, Ky.-Ind. SMSA
38	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	122	Lowell, Mass. SMSA
39	Champaign-Urbana, Ill. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA	123	Lubbock, Tex. SMSA
40	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA	124	Lynchburg, Va. SMSA
41	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA	125	Macon, Ga. SMSA
42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	126	Madison, Wis. SMSA

Report number	Area	Report number	Area	Report number	Area
127	Manchester, N.H. SMSA	169	Pittsfield, Mass. SMSA	211	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA
128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Stamford, Conn. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, Oreg.-Wash. SMSA	213	Steubenville-Weirton, Ohio-W. Va. SMSA
130	Memphis, Tenn.-Ark. SMSA	172	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA	214	Stockton, Calif. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
132	Miami, Fla. SMSA	174	Pueblo, Colo. SMSA	216	Tacoma, Wash. SMSA
133	Midland, Tex. SMSA	175	Racine, Wis. SMSA	217	Tallahassee, Fla. SMSA
134	Milwaukee, Wis. SMSA	176	Raleigh, N.C. SMSA	218	Tampa-St. Petersburg, Fla. SMSA
135	Minneapolis-St. Paul, Minn. SMSA	177	Reading, Pa. SMSA	219	Terre Haute, Ind. SMSA
136	Mobile, Ala. SMSA	178	Reno, Nev. SMSA	220	Texarkana, Tex.-Ark. SMSA
137	Modesto, Calif. SMSA	179	Richmond, Va. SMSA	221	Toledo, Ohio-Mich. SMSA
138	Monroe, La. SMSA	180	Roanoke, Va. SMSA	222	Topeka, Kans. SMSA
139	Montgomery, Ala. SMSA	181	Rochester, Minn. SMSA	223	Trenton, N.J. SMSA
140	Muncie, Ind. SMSA	182	Rochester, N.Y. SMSA	224	Tucson, Ariz. SMSA
141	Muskegon-Muskegon Heights, Mich. SMSA	183	Rockford, Ill. SMSA	225	Tulsa, Okla. SMSA
142	Nashua, N.H. SMSA	184	Sacramento, Calif. SMSA	226	Tuscaloosa, Ala. SMSA
143	Nashville-Davidson, Tenn. SMSA	185	Saginaw, Mich. SMSA	227	Tyler, Tex. SMSA
144	New Bedford, Mass. SMSA	186	St. Joseph, Mo. SMSA	228	Utica-Rome, N.Y. SMSA
145	New Britain, Conn. SMSA	187	St. Louis, Mo.-Ill. SMSA	229	Vallejo-Napa, Calif. SMSA
146	New Haven, Conn. SMSA	188	Salem, Oreg. SMSA	230	Vineland-Millville-Bridgeton, N.J. SMSA
147	New London-Groton-Norwich, Conn. SMSA	189	Salinas-Monterey, Calif. SMSA	231	Waco, Tex. SMSA
148	New Orleans, La. SMSA	190	Salt Lake City, Utah SMSA	232	Washington, D.C.-Md.-Va. SMSA
149	New York, N.Y. SMSA	191	San Angelo, Tex. SMSA	233	Waterbury, Conn. SMSA
150	Newark, N.J. SMSA	192	San Antonio, Tex. SMSA	234	Waterloo, Iowa SMSA
151	Newport News-Hampton, Va. SMSA	193	San Bernardino-Riverside-Ontario, Calif. SMSA	235	West Palm Beach, Fla. SMSA
152	Norfolk-Portsmouth, Va. SMSA	194	San Diego, Calif. SMSA	236	Wheeling, W. Va.-Ohio SMSA
153	Norwalk, Conn. SMSA	195	San Francisco-Oakland, Calif. SMSA	237	Wichita, Kans. SMSA
154	Odessa, Tex. SMSA	196	San Jose, Calif. SMSA	238	Wichita Falls, Tex. SMSA
155	Ogden, Utah SMSA	197	Santa Barbara, Calif. SMSA	239	Wilkes-Barre-Hazleton, Pa. SMSA
156	Oklahoma City, Okla. SMSA	198	Santa Rosa, Calif. SMSA	240	Wilmington, Del.-N.J.-Md. SMSA
157	Omaha, Nebr.-Iowa SMSA	199	Savannah, Ga. SMSA	241	Wilmington, N.C. SMSA
158	Orlando, Fla. SMSA	200	Scranton, Pa. SMSA	242	Worcester, Mass. SMSA
159	Owensboro, Ky. SMSA	201	Seattle-Everett, Wash. SMSA	243	York, Pa. SMSA
160	Oxnard-Ventura, Calif. SMSA	202	Sherman-Denison, Tex. SMSA	244	Youngstown-Warren, Ohio SMSA
161	Paterson-Clifton-Passaic, N.J. SMSA	203	Shreveport, La. SMSA	245	Caguas, Puerto Rico SMSA
162	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, Puerto Rico SMSA
163	Peoria, Ill. SMSA	205	Sioux Falls, S. Dak. SMSA	247	Ponce, Puerto Rico SMSA
164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, Puerto Rico SMSA
165	Philadelphia, Pa.-N.J. SMSA	207	Spokane, Wash. SMSA		
166	Phoenix, Ariz. SMSA	208	Springfield, Ill. SMSA		
167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		

# TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (\*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>										
Year moved into unit .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy .....	—	—	—	9 <sup>1</sup>	9	9	—	—	—	9
<b>UTILIZATION CHARACTERISTICS</b>										
Number of rooms .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons) .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms .....	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room .....	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
<b>PLUMBING CHARACTERISTICS</b>										
Plumbing facilities .....	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room .....	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms .....	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
<b>STRUCTURAL CHARACTERISTICS</b>										
Units in structure .....	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure .....	—	2, 12*	—	—	—	—	—	—	—	—
<b>EQUIPMENT AND APPLIANCES</b>										
Heating equipment .....	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available .....	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home .....	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine .....	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer .....	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher .....	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer .....	—	—	3, 13*	—	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>										
Value .....	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio .....	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent .....	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income .....	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent as percentage of income by income .....	—	2	—	—	—	—	—	—	—	—
Sales price asked .....	—	—	—	10 <sup>1</sup>	—	—	—	—	9	—
Rent asked .....	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
Inclusion of utilities in rent .....	—	—	—	—	—	—	—	—	—	10
<b>HOUSEHOLD CHARACTERISTICS</b>										
Household composition by age of head .....	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969 .....	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

<sup>1</sup>Vacant units tabulated by plumbing facilities only.

## INTRODUCTION

## APPENDIXES

A. Area Classifications .....	App-1
B. Definitions and Explanations of Subject Characteristics ...	App-2
C. Accuracy of the Data .....	App-14
D. Publication and Computer Summary Tape Program .....	App-20

GENERAL.....	V
Organization of the text .....	V
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### GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

**Organization of the text.**—The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

**Content of the tables.**—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

**Sample size.**—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

## Derived figures (medians, etc.).—

Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal parts—one-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000—." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the

terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

**Symbols.**—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

**Boundaries.**—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

## DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the

population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

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## INTRODUCTION—Continued

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

### PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing

and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

## CONTENTS

### METROPOLITAN HOUSING CHARACTERISTICS

# St. Joseph, Mo.

## STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 186.]

page

#### MAP

Counties, Standard Metropolitan  
Statistical Areas, and Selected Places XI

#### INDEX OF TABLES

[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
Total SMSA .....	A	1 to 9	—	—
St. Joseph .....	B	10 to 18	—	—

LIST OF TABLES

[Tables 11 to 18 are shown if an area has 25,000 or more Negro population and tables 19 to 26 are shown if an area has 25,000 or more population of Spanish language]

TABLE

- 1 Value of Owner Occupied Housing Units: 1970
- 2 Gross Rent of Renter Occupied Housing Units: 1970
- 3 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970
- 4 Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970
- 5 Rooms in Owner and Renter Occupied Housing Units: 1970
- 6 Units in Structure for Owner and Renter Occupied Housing Units: 1970
- 7 Household Composition for Owner and Renter Occupied Housing Units: 1970
- 8 Persons in Owner and Renter Occupied Housing Units: 1970
- 9 Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970
- 10 Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970
- 11 Value of Owner Occupied Housing Units With Negro Head of Household: 1970
- 12 Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970
- 13 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 14 Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

TABLE

- 15 Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 16 Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 17 Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 18 Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 19 Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970
- 20 Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 21 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 22 Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 23 Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 24 Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 25 Household Composition for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 26 Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

## Counties, Standard Metropolitan Statistical Areas, and Selected Places

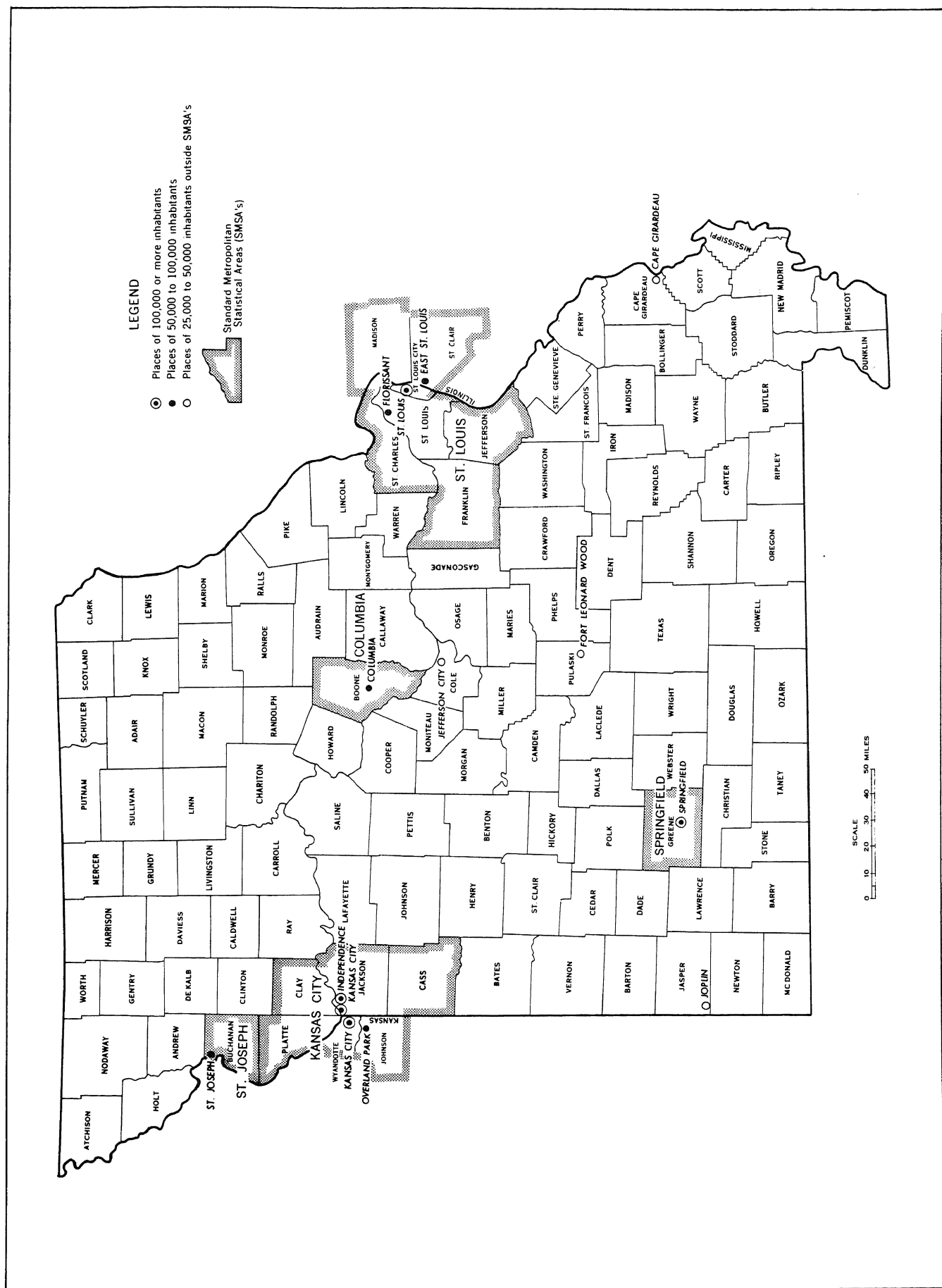


Table A-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## The SMSA

	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>16 894</b>	<b>2 129</b>	<b>2 589</b>	<b>2 626</b>	<b>2 413</b>	<b>1 805</b>	<b>2 572</b>	<b>1 239</b>	<b>956</b>	<b>397</b>	<b>168</b>	<b>11 100</b>
<b>ROOMS</b>												
1 and 2 rooms	61	27	14	5	—	10	5	—	—	—	—	—
3 rooms	645	350	182	70	27	—	6	—	5	5	—	5000—
4 rooms	3 113	840	772	597	373	271	226	23	11	—	—	7 300
5 rooms	7 216	676	1 025	1 213	1 199	902	1 368	518	269	41	5	11 400
6 rooms	3 329	154	326	497	496	393	644	384	314	101	20	13 700
7 rooms	1 509	45	157	159	222	147	224	185	230	95	45	15 600
8 rooms or more	1 021	37	113	85	96	82	99	129	127	155	98	19 900
Median	5.1	4.3	4.8	5.0	5.2	5.2	5.3	5.7	6.1	7.0	7.5+	—
<b>PERSONS</b>												
1 person	2 790	627	686	503	337	225	257	85	49	21	—	7 900
2 persons	5 733	834	863	952	796	560	809	384	317	162	56	10 700
3 persons	2 647	217	292	438	520	319	424	221	142	46	28	11 800
4 persons	2 417	161	315	333	321	272	478	234	199	51	53	13 200
5 persons	1 626	117	149	220	217	218	346	146	149	52	12	13 800
6 persons or more	1 681	173	284	180	222	211	258	166	103	65	19	12 300
Median	2.5	2.0	2.2	2.4	2.6	2.9	3.0	3.2	3.3	2.8	3.5	—
Units with roomers, boarders, or lodgers	202	37	28	30	28	21	19	21	—	18	—	10 500
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>16 579</b>	<b>1 907</b>	<b>2 535</b>	<b>2 605</b>	<b>2 409</b>	<b>1 796</b>	<b>2 572</b>	<b>1 234</b>	<b>956</b>	<b>397</b>	<b>168</b>	<b>11 300</b>
0.50 or less	9 176	1 177	1 497	1 563	1 295	900	1 210	637	498	266	133	10 700
0.51 to 1.00	6 276	500	813	922	987	737	1 190	534	431	127	35	12 300
1.01 to 1.50	904	153	155	103	106	149	151	56	27	4	—	11 000
1.51 or more	223	77	70	17	21	10	21	7	—	—	—	6 200
<b>Lacking some or all plumbing facilities</b>	<b>315</b>	<b>222</b>	<b>54</b>	<b>21</b>	<b>4</b>	<b>9</b>	<b>—</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>5000—</b>
0.50 or less	184	116	44	10	4	5	—	5	—	—	—	5000—
0.51 to 1.00	110	91	10	5	—	4	—	—	—	—	—	5000—
1.01 to 1.50	10	4	—	6	—	—	—	—	—	—	—	—
1.51 or more	11	11	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None and 1	1 333	544	419	160	94	41	75	—	—	—	—	5 700
2	7 556	1 074	1 439	1 344	1 214	1 143	889	219	155	61	18	9 900
3	6 060	321	521	724	815	730	1 456	699	546	184	64	14 700
4 or more	1 951	143	225	264	243	137	275	301	123	74	166	14 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	249	9	9	5	5	12	65	52	54	26	12	21 900
1965 to 1968	1 089	15	22	33	36	67	309	226	243	97	41	21 400
1960 to 1964	1 564	12	53	48	112	271	449	280	254	62	23	17 900
1950 to 1959	2 469	92	122	143	403	398	668	305	178	101	59	15 500
1940 to 1949	1 027	113	192	168	157	107	143	68	43	21	15	10 600
1939 or earlier	10 496	1 888	2 191	2 229	1 700	950	938	308	184	90	18	8 800
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	13 995	1 859	2 444	2 547	2 235	1 509	2 149	779	369	82	22	10 200
2 and 2 1/2	2 173	20	83	79	178	202	375	440	504	230	62	21 700
3 or more	371	6	11	13	16	11	21	26	110	102	55	32 400
None or also used by another household	385	280	59	19	6	6	8	7	—	—	—	5000—
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>14 104</b>	<b>1 502</b>	<b>1 903</b>	<b>2 123</b>	<b>2 076</b>	<b>1 580</b>	<b>2 315</b>	<b>1 154</b>	<b>907</b>	<b>376</b>	<b>168</b>	<b>11 800</b>
Male head, wife present, no nonrelatives	12 485	1 233	1 614	1 878	1 781	1 437	2 158	1 044	826	350	164	12 100
Under 25 years	250	24	43	56	27	19	71	10	—	—	—	10 200
25 to 34 years	1 899	96	200	296	256	244	519	144	107	27	10	13 500
35 to 44 years	2 581	174	287	286	406	344	434	279	234	111	26	13 500
45 to 64 years	5 537	526	654	842	811	634	901	456	409	191	113	12 300
65 years and over	2 218	413	430	398	281	196	233	155	76	21	15	9 200
Other male head	515	86	97	49	73	85	32	47	26	16	4	10 900
Under 65 years	349	33	45	38	53	76	26	42	21	11	4	12 700
65 years and over	166	53	52	11	20	9	6	5	5	5	—	6 400
Female head	1 104	183	192	196	222	58	125	63	55	10	—	9 800
Under 65 years	666	137	117	107	116	28	66	45	45	5	—	9 300
65 years and over	438	46	75	89	106	30	59	18	10	5	—	10 200
<b>One-person households</b>	<b>2 790</b>	<b>627</b>	<b>686</b>	<b>503</b>	<b>337</b>	<b>225</b>	<b>257</b>	<b>85</b>	<b>49</b>	<b>21</b>	<b>—</b>	<b>7 900</b>
Under 65 years	848	146	234	155	111	59	89	22	11	21	—	8 200
65 years and over	1 942	481	452	348	226	166	168	63	38	—	—	7 800
<b>INCOME IN 1969</b>												
Less than \$2,000	2 007	613	538	291	204	127	139	52	28	15	—	6 800
\$2,000 to \$2,999	1 121	292	252	135	149	124	88	22	29	—	10	7 800
\$3,000 to \$3,999	892	180	183	232	126	47	75	35	4	5	5	8 400
\$4,000 to \$4,999	838	186	141	182	116	58	112	32	6	5	—	8 800
\$5,000 to \$5,999	1 055	162	202	249	159	92	118	45	10	18	—	9 100
\$6,000 to \$6,999	1 150	181	201	205	167	130	150	42	53	10	11	9 900
\$7,000 to \$7,999	3 529	314	546	674	606	387	633	248	97	24	—	11 000
\$8,000 to \$8,999	4 180	169	411	528	653	653	929	402	368	62	5	13 800
\$9,000 to \$9,999	1 658	27	101	111	200	177	280	287	271	147	57	18 900
\$10,000 to \$14,999	464	5	14	19	13	10	48	74	90	111	80	30 400
\$15,000 to \$24,999	—	—	—	—	—	—	—	—	—	—	—	—
\$25,000 or more	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$8 200	\$3 900	\$5 900	\$7 100	\$8 300	\$9 500	\$9 900	\$11 800	\$13 400	\$19 000	\$24 300	—
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 527	153	173	197	171	131	315	167	112	88	20	13 800
1968	1 100	105	145	175	123	98	207	71	112	57	7	12 600
1967	787	60	136	126	92	48	166	54	76	16	13	11 900
1965 and 1966	1 720	178	179	180	209	204	324	181	174	72	19	13 900
1960 to 1964	3 459	266	450	422	532	465	638	296	295	65	30	12 800
1950 to 1959	3 858	439	635	633	660	433	463	336	142	67	50	10 800
1949 or earlier	4 473	964	879	925	648	349	440	147	72	49	—	8 600
<b>HEATING EQUIPMENT</b>												
Steam or hot water	625	15	31	72	94	63	101	81	100	56	12	16 700
Warm-air furnace	13 685	1 075	1 827	2 154	2 128	1 685	2 390	1 111	832	327	156	12 100
Built-in electric units	138	6	—	31	16	15	24	—	24	—	—	15 100
Floor, wall, or pipeless furnace	1 005	234	317	235	133	28	38	20	—	—	—	7 100
Other means	1 433	799	414	134	42	14	15	10	—	—	—	5000—
None	8	—	—	—	—	—	—	—	—	—	—	—
<b>AIR CONDITIONING</b>												
Room unit(s)	6 294	483	728	936	1 002	903	1 296	494	312	98	42	12 500
Central system	2 130	7	40	119	125	155	429	380	508	278	89	22 500
None	8 500	1 675	1 829	1 603	1 308	670	828	378	163	38	8	8 700

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## The SMSA

	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>	<b>9 193</b>	<b>1 243</b>	<b>976</b>	<b>1 138</b>	<b>1 048</b>	<b>1 830</b>	<b>1 008</b>	<b>840</b>	<b>432</b>	<b>117</b>	<b>24</b>	<b>537</b>	<b>79</b>
<b>ROOMS</b>													
1 room	551	328	42	90	33	10	6	6	5	5	—	26	50—
2 rooms	1 005	480	257	120	55	43	5	4	—	10	—	31	50
3 rooms	2 134	273	401	495	348	294	98	92	20	5	—	108	67
4 rooms	2 385	131	164	279	390	727	155	139	38	9	—	76	84
5 rooms	1 958	25	93	113	154	527	379	319	164	25	11	148	100
6 rooms	751	—	6	35	46	186	161	156	64	24	4	69	108
7 rooms	255	6	9	6	16	33	64	66	10	10	—	35	113
8 rooms or more	154	—	4	—	6	10	18	42	30	—	—	44	132
Median	3.8	2.1	3.0	3.2	3.7	4.3	4.8	5.0	4.8	4.5	...	4.7	...
<b>PERSONS</b>													
1 person	3 104	974	505	479	320	368	125	80	50	21	4	178	60
2 persons	2 455	188	233	311	358	572	226	261	122	29	11	144	82
3 persons	1 464	52	135	147	176	354	221	164	114	14	5	82	89
4 persons	965	24	64	90	77	234	183	149	61	27	4	52	97
5 persons	577	—	16	56	41	164	113	76	46	21	—	44	99
6 persons or more	628	5	23	55	76	138	140	110	39	5	—	37	100
Median	2.1	1.1	1.5	1.8	2.1	2.5	3.2	3.0	2.9	3.1	...	2.1	...
Units with roomers, boarders, or lodgers	150	—	12	32	10	39	30	11	6	5	—	5	86
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
With all plumbing facilities	8 208	665	847	1 038	1 017	1 815	998	836	427	117	24	424	83
0.50 or less	3 872	464	496	465	505	810	322	343	187	40	15	225	78
0.51 to 1.00	3 584	173	288	456	399	830	550	427	210	77	9	165	89
1.01 to 1.50	630	23	45	84	103	153	109	66	19	—	—	28	84
1.51 or more	122	5	18	33	10	22	17	—	11	—	—	6	72
Lacking some or all plumbing facilities	985	578	129	100	31	15	10	4	5	—	—	113	50—
0.50 or less	425	252	53	47	5	9	10	—	—	—	—	45	50—
0.51 to 1.00	497	307	71	32	21	6	—	—	5	—	—	55	50—
1.01 to 1.50	23	9	—	9	—	—	—	—	—	—	—	5	...
1.51 or more	40	10	5	12	5	—	—	—	—	—	—	8	...
<b>BEDROOMS</b>													
None	639	322	96	108	20	21	22	25	—	—	—	25	50
1	3 671	726	669	746	510	452	167	117	—	17	—	267	64
2	3 045	106	174	229	260	939	525	245	282	60	18	207	94
3 or more	1 846	21	95	72	171	310	319	463	155	41	—	199	110
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	271	11	6	—	10	21	48	78	39	37	13	8	134
1965 to 1968	236	6	9	—	13	24	21	78	45	7	11	22	133
1960 to 1964	401	6	—	20	22	26	36	99	123	24	—	45	141
1950 to 1959	486	19	18	5	21	77	38	165	85	21	—	37	128
1940 to 1949	499	62	46	82	85	93	41	55	24	—	—	11	76
1939 or earlier	7 300	1 139	897	1 031	897	1 589	824	365	116	28	—	414	74
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	50	—	25	—	—	—	—	25	—	—	—	—	...
With elevator	25	—	—	—	—	—	—	25	—	—	—	—	...
Walk-up	25	—	25	—	—	—	—	—	—	—	—	—	...
1 to 3 floors	9 151	1 175	1 009	1 155	961	1 722	1 033	825	437	118	18	698	79
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	7 664	608	804	979	1 032	1 799	974	739	338	86	13	292	83
2 or more	370	42	—	13	—	18	30	97	56	18	13	83	133
None or also used by another household	1 138	639	159	104	56	50	7	6	8	—	—	109	50—
<b>INCOME IN 1969</b>													
Less than \$2,000	2 081	697	359	308	179	210	89	72	33	5	—	129	58
\$2,000 to \$2,999	808	198	115	96	132	128	62	23	4	—	—	50	67
\$3,000 to \$3,999	798	93	94	133	91	211	67	35	17	12	5	40	76
\$4,000 to \$4,999	861	67	133	155	147	153	71	55	5	10	—	65	73
\$5,000 to \$5,999	730	48	76	118	60	233	81	51	34	—	—	29	84
\$6,000 to \$6,999	848	51	114	121	98	232	139	51	12	5	—	30	81
\$7,000 to \$9,999	1 615	59	53	173	215	391	249	256	125	11	—	83	91
\$10,000 to \$14,999	1 150	25	22	30	104	202	231	264	164	47	—	61	114
\$15,000 to \$24,999	257	—	10	4	22	46	19	51	29	27	14	35	126
\$25,000 or more	45	5	—	—	—	4	—	7	9	—	5	15	...
Median	\$5 100	\$2000—	\$3 100	\$4 200	\$4 800	\$5 900	\$7 000	\$8 900	\$9 700	\$11 600	...	\$4 800	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	4 091	438	331	467	366	902	562	520	297	75	19	114	87
1968	1 169	122	152	166	223	223	97	99	50	—	—	37	76
1967	705	101	146	75	62	139	75	11	26	14	—	56	70
1965 and 1966	1 048	166	119	102	161	230	121	83	13	7	—	46	77
1960 to 1964	1 079	189	83	135	189	200	119	75	9	15	—	65	75
1950 to 1959	667	181	81	90	44	116	25	47	7	—	—	76	64
1949 or earlier	413	92	51	61	43	57	12	7	—	—	—	90	63
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	790	175	123	122	146	140	33	34	17	—	—	...	68
10 to 14 percent	1 973	160	221	282	259	482	286	204	60	12	5	...	82
15 to 19 percent	1 593	118	118	192	153	406	226	239	107	28	6	...	88
20 to 24 percent	1 035	163	77	116	112	182	155	102	86	34	8	...	87
25 to 34 percent	1 027	202	89	83	118	254	93	90	92	6	—	...	82
35 percent or more	2 032	389	343	305	238	337	197	139	47	32	5	...	69
Not computed	743	36	5	38	22	29	18	30	23	5	—	537	82
<b>AIR CONDITIONING</b>													
Room unit(s)	2 037	55	149	166	282	490	286	310	97	25	—	177	91
Central system	644	29	—	13	7	41	51	188	173	72	26	44	145
None	6 491	1 205	814	917	799	1 336	674	344	132	7	—	263	72

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA

	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Owner occupied housing units</b> .....	<b>20 142</b>	<b>2 521</b>	<b>1 407</b>	<b>1 135</b>	<b>1 117</b>	<b>1 271</b>	<b>1 387</b>	<b>4 174</b>	<b>4 726</b>	<b>1 880</b>	<b>524</b>	<b>7 900</b>
<b>ROOMS</b>												
1 and 2 rooms .....	125	65	10	5	10	10	5	10	10	—	—	2000—
3 rooms .....	1 087	272	193	86	89	92	91	173	82	9	—	3 900
4 rooms .....	4 142	866	354	295	324	292	341	865	693	102	10	5 800
5 rooms .....	8 141	917	605	505	463	502	606	1 788	1 987	690	78	7 800
6 rooms .....	3 810	278	172	119	128	236	226	830	1 208	450	163	9 700
7 rooms or more .....	2 837	123	73	125	103	139	118	508	746	629	273	11 500
<b>PERSONS</b>												
1 person .....	3 633	1 783	557	352	242	151	168	270	88	6	16	2 100
2 persons .....	6 990	581	686	557	605	569	559	1 378	1 332	542	181	6 900
3 and 4 persons .....	5 767	107	124	150	183	401	379	1 498	2 042	682	201	10 100
5 persons .....	1 876	12	17	42	41	55	158	481	673	330	67	11 000
6 persons or more .....	1 876	38	23	34	46	95	123	547	591	320	59	10 300
Units with roomers, boarders, or lodgers .....	235	56	16	14	14	29	19	48	23	10	6	5 600
<b>BEDROOMS</b>												
Less than 3 .....	11 211	2 237	1 106	890	720	888	737	2 171	1 835	562	65	5 700
3 .....	6 728	341	284	236	343	405	380	1 625	2 038	762	314	9 500
4 or more .....	2 203	174	61	110	82	40	81	388	640	346	281	11 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	396	5	17	26	10	13	37	111	109	51	17	9 400
1960 to 1968 .....	3 391	135	133	81	115	113	184	761	1 205	514	150	10 700
1950 to 1959 .....	2 679	194	104	91	122	136	171	641	795	308	117	9 400
1949 or earlier .....	13 676	2 187	1 153	937	870	1 009	995	2 661	2 617	1 007	240	6 700
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	1 984	109	72	132	106	113	157	461	588	206	40	9 000
1968 .....	1 388	91	82	65	74	72	119	325	347	164	49	8 800
1960 to 1967 .....	6 910	474	269	232	286	333	473	1 708	2 182	746	207	9 400
1959 or earlier .....	9 860	1 775	956	689	640	745	704	1 707	1 655	793	196	6 200
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	12 566	903	359	563	572	823	791	2 916	3 598	1 425	616	9 300
Clothes dryer .....	11 007	627	344	477	538	554	601	2 502	3 357	1 393	614	9 800
Dishwasher .....	2 407	109	38	103	23	108	107	241	606	561	511	13 900
Home food freezer .....	7 416	436	282	411	484	446	498	1 788	1 806	839	426	8 900
Owned second home .....	693	87	20	42	—	80	59	140	87	70	108	9 300
With air conditioning .....	9 672	644	570	350	376	519	675	1 984	2 833	1 315	406	8 900
Room unit(s) .....	7 309	568	445	273	312	447	595	1 614	2 140	729	186	8 900
Central system .....	2 363	76	125	77	64	72	80	370	693	586	220	12 300
Automobiles available:												
1 .....	9 775	909	862	752	689	861	906	2 418	1 840	450	88	6 900
2 .....	6 470	128	71	74	126	222	396	1 508	2 507	1 133	305	11 400
3 or more .....	948	7	6	14	17	12	6	146	342	317	81	13 900
<b>Renter occupied housing units</b> .....	<b>9 547</b>	<b>2 120</b>	<b>833</b>	<b>829</b>	<b>892</b>	<b>766</b>	<b>881</b>	<b>1 684</b>	<b>1 225</b>	<b>267</b>	<b>50</b>	<b>5 100</b>
<b>ROOMS</b>												
1 room .....	551	292	72	40	31	23	36	47	5	5	—	2000—
2 rooms .....	1 015	473	136	112	85	36	63	79	31	—	—	2 300
3 rooms .....	2 161	636	254	245	214	205	211	254	96	42	4	3 800
4 rooms .....	2 476	376	202	222	285	268	239	467	339	64	14	5 600
5 rooms .....	2 055	205	126	141	208	172	202	484	440	67	10	6 900
6 rooms or more .....	1 289	138	43	69	69	62	130	353	314	89	22	8 100
<b>PERSONS</b>												
1 person .....	3 156	1 569	406	304	184	128	184	213	116	33	19	2 000
2 persons .....	2 529	288	263	203	308	243	208	538	360	108	10	5 800
3 and 4 persons .....	2 577	206	108	235	245	285	289	596	521	71	21	6 700
5 persons .....	606	45	18	36	51	57	114	143	110	32	—	6 800
6 persons or more .....	679	12	38	51	104	53	86	194	118	23	—	6 900
Units with roomers, boarders, or lodgers .....	165	58	16	23	6	15	19	5	8	15	—	3 400
<b>BEDROOMS</b>												
None .....	639	281	99	94	25	—	49	91	—	—	—	2 400
1 .....	3 753	1 224	500	445	322	328	219	370	285	60	—	3 300
2 .....	3 134	394	140	318	351	348	250	668	521	123	21	6 100
3 or more .....	2 021	168	70	161	184	205	143	450	451	148	41	7 500
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	271	39	18	18	24	21	—	67	52	32	—	7 700
1960 to 1968 .....	656	88	24	43	32	19	30	199	158	49	14	8 400
1950 to 1959 .....	503	67	8	38	—	27	48	139	159	17	—	8 400
1949 or earlier .....	8 117	1 926	783	730	836	699	803	1 279	856	169	36	4 700
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	4 195	793	354	442	412	373	396	738	556	110	21	5 300
1968 .....	1 199	202	84	95	133	80	185	245	163	12	—	6 000
1960 to 1967 .....	2 941	787	277	151	243	191	271	567	355	77	22	5 100
1959 or earlier .....	1 212	352	140	92	81	92	83	165	158	49	—	4 300
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup> .....	<b>9 193</b>	<b>2 081</b>	<b>808</b>	<b>798</b>	<b>861</b>	<b>730</b>	<b>848</b>	<b>1 615</b>	<b>1 150</b>	<b>257</b>	<b>45</b>	<b>5 100</b>
Less than 15 percent .....	2 763	6	10	64	136	200	363	926	835	193	30	9 000
15 to 19 percent .....	1 593	21	68	94	262	235	331	364	197	21	—	6 400
20 to 24 percent .....	1 035	61	139	169	181	162	90	168	57	8	—	4 800
25 to 34 percent .....	1 027	195	213	270	158	99	29	69	—	—	—	3 400
35 percent or more .....	2 032	1 463	328	161	59	11	5	—	—	—	—	2000—
Not computed .....	743	335	50	40	65	29	30	83	61	35	15	2 700
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	3 009	338	80	219	280	382	165	609	710	185	41	7 200
Clothes dryer .....	2 412	237	31	122	196	382	102	504	586	211	41	7 800
Dishwasher .....	330	20	40	20	48	—	20	60	41	39	42	...
Home food freezer .....	1 051	140	40	104	41	128	68	134	314	20	62	7 100
Owned second home .....	240	—	—	42	—	64	—	90	26	18	—	...
With air conditioning .....	2 733	315	147	211	189	202	296	500	704	134	35	7 000
Room unit(s) .....	2 089	252	123	155	151	163	265	395	504	58	23	6 800
Central system .....	644	63	24	56	38	39	31	105	200	76	12	9 000
Automobiles available:												
1 .....	5 093	662	368	445	561	514	669	1 055	690	108	21	6 000
2 .....	1 385	49	18	26	79	81	128	449	451	82	22	9 100
3 or more .....	164	—	—	17	—	14	16	23	50	44	—	11 200

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
<b>Owner occupied housing units</b>	<b>20 142</b>	<b>19 584</b>	<b>11 036</b>	<b>7 262</b>	<b>1 025</b>	<b>261</b>	<b>558</b>	<b>357</b>	<b>155</b>	<b>20</b>	<b>26</b>
<b>PERSONS</b>											
1 person	3 633	3 415	3 406	9	—	—	218	214	4	—	—
2 persons	6 990	6 816	6 352	454	—	10	174	134	35	—	5
3 persons	3 043	2 974	1 015	1 949	5	5	69	9	60	—	—
4 persons	2 724	2 673	189	2 438	36	10	51	—	51	—	—
5 persons	1 876	1 856	74	1 561	190	31	20	—	5	10	5
6 persons or more	1 876	1 850	—	851	794	205	26	—	—	10	16
Median	2.4	2.4	1.8	4.0	6.2	7.5+	1.9	1.3	3.1	...	...
Units with roomers, boarders, or lodgers	235	235	116	105	14	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	420	420	217	172	31	—	—	—	—	—	—
1965 to 1968	1 485	1 477	603	774	85	15	8	—	—	—	8
1960 to 1964	1 823	1 804	734	954	110	6	19	6	13	—	—
1950 to 1959	2 680	2 614	1 293	1 129	178	14	66	25	33	—	8
1940 to 1949	1 185	1 165	712	366	56	31	20	20	—	—	—
1939 or earlier	12 549	12 068	7 399	3 900	604	165	481	318	132	11	20
<b>INCOME IN 1969</b>											
Less than \$2,000	2 521	2 302	2 126	144	26	6	219	190	24	—	5
\$2,000 to \$2,999	1 407	1 325	1 099	199	17	10	82	62	20	—	—
\$3,000 to \$3,999	1 135	1 108	866	216	26	—	27	16	6	5	—
\$4,000 to \$4,999	1 117	1 066	787	241	33	5	51	34	11	—	6
\$5,000 to \$5,999	1 271	1 220	736	396	62	26	51	9	31	11	—
\$6,000 to \$6,999	1 387	1 339	690	530	99	20	48	27	16	—	5
\$7,000 to \$9,999	4 174	4 128	1 808	1 881	358	81	46	14	23	4	5
\$10,000 to \$14,999	4 726	4 701	1 769	2 569	280	83	25	—	20	—	5
\$15,000 to \$24,999	1 880	1 871	814	915	112	30	9	5	4	—	—
\$25,000 or more	524	524	341	171	12	—	—	—	—	—	—
Median	\$7 900	\$8 000	\$5 900	\$10 000	\$9 100	\$9 400	\$2 700	\$2000—	\$5 500	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	16 894	16 579	9 176	6 276	904	223	315	184	110	10	11
Less than 1.5	8 145	8 001	3 482	3 770	568	181	144	59	70	4	11
1.5 to 1.9	2 556	2 510	1 221	1 139	124	26	46	19	21	6	—
2.0 to 2.4	1 680	1 665	994	597	74	—	15	11	4	—	—
2.5 to 2.9	1 148	1 135	707	361	67	—	13	13	—	—	—
3.0 to 3.9	1 137	1 096	852	207	32	5	41	36	5	—	—
4.0 or more	2 134	2 078	1 837	191	39	11	56	46	10	—	—
Not computed	94	94	83	11	—	—	—	—	—	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water	789	789	543	213	21	12	—	—	—	—	—
Warm-air furnace	15 736	15 622	8 715	5 933	798	176	114	87	12	10	5
Built-in electric units	221	221	104	106	11	—	—	—	—	—	—
Floor, wall, or pipeless furnace	1 235	1 207	641	478	69	19	28	17	11	—	—
Other means	2 153	1 737	1 025	532	126	54	416	253	132	10	21
None	8	8	8	—	—	—	—	—	—	—	—
<b>Renter occupied housing units</b>	<b>9 547</b>	<b>8 480</b>	<b>4 018</b>	<b>3 689</b>	<b>651</b>	<b>122</b>	<b>1 067</b>	<b>454</b>	<b>520</b>	<b>28</b>	<b>65</b>
<b>PERSONS</b>											
1 person	3 156	2 485	2 264	221	—	—	671	387	284	—	—
2 persons	2 529	2 341	1 497	822	—	22	188	57	126	—	5
3 persons	1 556	1 482	220	1 205	44	13	74	10	60	4	—
4 persons	1 021	975	18	859	98	—	46	—	22	19	5
5 persons	606	577	19	386	154	18	29	—	23	—	6
6 persons or more	679	620	—	36	355	69	59	—	5	5	49
Median	2.1	2.2	1.4	1.92	3.7	7.2	1.3	1.1	1.4	...	...
Units with roomers, boarders, or lodgers	165	159	30	101	23	5	6	6	—	—	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	258	258	90	168	—	—	—	—	—	—	—
1965 to 1968	275	269	126	110	33	—	6	6	—	—	—
1960 to 1964	386	379	182	148	42	7	7	—	7	—	—
1950 to 1959	526	526	163	317	46	—	—	—	—	—	—
1940 to 1949	524	442	204	178	45	15	82	36	33	—	13
1939 or earlier	7 578	6 569	3 191	2 831	463	84	1 009	407	532	16	54
<b>INCOME IN 1969</b>											
Less than \$2,000	2 120	1 641	1 185	391	53	12	479	237	242	—	—
\$2,000 to \$2,999	833	697	425	212	50	10	136	63	59	4	10
\$3,000 to \$3,999	829	746	360	313	56	17	83	36	23	14	10
\$4,000 to \$4,999	892	787	306	363	102	16	105	33	62	—	10
\$5,000 to \$5,999	766	710	253	390	62	5	56	15	30	—	11
\$6,000 to \$6,999	881	810	248	418	109	35	71	29	37	—	5
\$7,000 to \$9,999	1 684	1 593	595	841	130	27	91	26	46	5	14
\$10,000 to \$14,999	1 225	1 189	497	603	89	—	36	15	11	5	5
\$15,000 to \$24,999	267	262	120	142	—	—	5	—	5	—	—
\$25,000 or more	50	45	29	16	—	—	5	—	5	—	—
Median	\$5 100	\$5 500	\$4 100	\$6 400	\$6 000	\$6 000	\$2 400	\$2000—	\$2 300	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	9 193	8 208	3 872	3 584	630	122	985	425	497	23	40
Less than 10 percent	790	671	282	335	49	5	119	41	73	—	5
10 to 14 percent	1 973	1 844	726	945	147	26	129	59	49	10	11
15 to 19 percent	1 593	1 477	523	771	158	25	116	37	69	4	6
20 to 24 percent	1 035	939	369	478	79	13	96	29	58	4	5
25 to 34 percent	1 027	916	465	348	73	30	111	49	57	—	5
35 percent or more	2 032	1 753	1 196	460	86	11	279	160	119	—	—
Not computed	743	608	311	247	38	12	135	50	72	5	8
<b>HEATING EQUIPMENT</b>											
Steam or hot water	1 322	1 125	667	422	26	10	197	42	151	4	—
Warm-air furnace	5 210	4 998	2 320	2 259	364	55	212	112	94	—	6
Built-in electric units	94	84	40	32	6	6	10	5	5	—	—
Floor, wall, or pipeless furnace	692	651	313	252	77	9	41	27	14	—	—
Other means	2 229	1 622	678	724	178	42	607	268	256	24	59
None	—	—	—	—	—	—	—	—	—	—	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	<b>20 142</b>	<b>48</b>	<b>77</b>	<b>1 087</b>	<b>4 142</b>	<b>8 141</b>	<b>3 810</b>	<b>1 663</b>	<b>1 174</b>	<b>5.1</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	19 446	24	58	1 014	3 935	7 923	3 803	1 609	1 080	5.1
<b>PERSONS</b>										
1 person	3 633	13	67	467	1 084	1 414	389	129	70	4.6
2 persons	6 990	15	5	484	1 811	2 908	1 098	439	230	4.9
3 persons	3 043	5	5	64	608	1 337	565	287	172	5.1
4 persons	2 724	10	—	36	346	1 163	690	290	189	5.3
5 persons	1 876	5	—	31	200	734	520	189	197	5.5
6 persons or more	1 876	—	—	5	93	585	548	329	316	6.0
Median	2.4	...	...	1.7	2.0	2.4	3.2	3.4	4.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	19 584	34	50	966	3 985	7 980	3 743	1 658	1 168	5.1
0.50 or less	11 036	—	40	396	2 776	4 240	2 005	850	729	5.0
0.51 to 1.00	7 262	9	5	503	932	3 155	1 518	741	399	5.2
1.01 to 1.50	1 025	—	5	36	215	494	182	61	32	5.0
1.51 or more	261	25	—	31	62	91	38	6	8	4.6
Lacking some or all plumbing facilities	558	14	27	121	157	161	67	5	6	4.2
0.50 or less	357	—	27	71	119	82	47	5	6	4.2
0.51 to 1.00	155	4	—	45	22	79	5	—	—	4.6
1.01 to 1.50	20	—	—	—	10	—	10	—	—	...
1.51 or more	26	10	—	5	6	—	5	—	—	...
<b>BEDROOMS</b>										
None and 1	1 968	79	60	629	951	167	63	—	19	3.7
2	9 243	—	—	220	3 050	5 042	747	122	62	4.8
3	6 728	—	—	—	199	2 883	2 582	805	259	5.6
4 or more	2 203	—	—	—	—	75	276	797	1 055	7.4
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	396	—	—	13	83	183	60	40	17	5.1
1960 to 1968	3 391	10	15	109	555	1 548	727	281	146	5.2
1950 to 1959	2 679	9	5	111	592	1 184	524	176	78	5.0
1949 or earlier	13 676	29	57	854	2 912	5 226	2 499	1 166	933	5.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	16 650	24	58	1 001	3 828	7 194	3 042	1 040	463	5.0
2 or more	2 834	—	—	13	113	751	771	569	617	6.2
None or also used by another household	658	16	29	146	180	194	65	13	15	4.3
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	16 894	28	33	645	3 113	7 216	3 329	1 509	1 021	5.1
Less than 1.5	8 145	10	15	315	1 637	3 281	1 605	739	543	5.1
1.5 to 1.9	2 556	—	—	95	402	1 128	526	231	174	5.2
2.0 to 2.9	2 828	8	8	77	395	1 220	664	292	164	5.3
3.0 or more	3 271	10	10	152	659	1 536	521	243	140	5.0
Not computed	94	—	—	6	20	51	13	4	—	...
<b>Renter occupied housing units</b>	<b>9 547</b>	<b>551</b>	<b>1 015</b>	<b>2 161</b>	<b>2 476</b>	<b>2 055</b>	<b>831</b>	<b>281</b>	<b>177</b>	<b>3.9</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	8 203	212	645	1 808	2 332	2 013	754	255	184	4.1
<b>PERSONS</b>										
1 person	3 156	505	777	951	597	223	64	11	28	2.8
2 persons	2 529	27	185	763	776	602	115	33	28	3.9
3 persons	1 556	13	48	291	527	447	175	35	20	4.3
4 persons	1 021	—	5	117	331	341	166	43	18	4.7
5 persons	606	—	—	24	154	220	140	32	36	5.1
6 persons or more	679	6	—	15	91	222	171	127	47	5.5
Median	2.1	1.0	1.2	1.7	2.3	3.0	3.9	5.1	4.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	8 480	256	718	1 930	2 340	1 990	794	275	177	4.1
0.50 or less	4 018	—	556	841	1 296	805	334	73	113	4.0
0.51 to 1.00	3 689	221	118	968	814	986	362	169	51	4.2
1.01 to 1.50	651	—	44	98	202	168	93	33	13	4.4
1.51 or more	122	35	—	23	28	31	5	—	—	3.6
Lacking some or all plumbing facilities	1 067	295	297	231	136	65	37	6	—	2.3
0.50 or less	454	—	221	110	77	20	20	6	—	2.6
0.51 to 1.00	520	284	67	86	44	22	17	—	—	1.4
1.01 to 1.50	28	—	4	19	—	5	—	—	—	...
1.51 or more	65	11	5	16	15	18	—	—	—	...
<b>BEDROOMS</b>										
None	639	408	211	20	—	—	—	—	—	1.3
1	3 753	—	1 024	2 020	603	86	20	—	—	2.9
2	3 134	—	—	158	1 682	1 111	143	20	20	4.3
3 or more	2 021	—	—	—	122	680	796	330	93	5.8
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	271	—	5	51	88	75	35	11	6	4.4
1960 to 1968	656	18	26	95	245	174	52	23	23	4.3
1950 to 1959	503	9	20	85	138	184	37	17	13	4.5
1949 or earlier	8 117	524	964	1 930	2 005	1 622	707	230	135	3.8
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	7 943	268	637	1 814	2 303	1 959	647	210	105	4.0
2 or more	378	6	36	15	29	61	107	45	79	5.9
None or also used by another household	1 226	341	291	289	188	71	34	—	12	2.4
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	9 193	551	1 005	2 134	2 385	1 958	751	255	154	3.9
Less than 10 percent	790	66	95	165	261	127	44	28	4	3.8
10 to 14 percent	1 973	73	157	412	509	503	203	82	34	4.2
15 to 19 percent	1 593	53	132	381	426	417	133	33	18	4.0
20 to 24 percent	1 035	59	79	202	309	212	114	22	5	3.8
25 to 34 percent	1 027	91	103	243	277	230	61	17	11	3.3
35 percent or more	2 032	172	378	559	483	279	112	38	44	4.3
Not computed	743	37	61	172	120	190	84	35	—	...

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## The SMSA

## All occupied housing units

## ROOMS

	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	20 142	18 347	1 120	675	9 547	3 934	1 836	1 458	1 144	514	524	137
1 room	48	38	—	10	551	40	22	26	158	73	221	11
2 rooms	77	38	25	14	1 015	92	97	177	384	109	145	11
3 rooms	1 087	716	223	148	2 161	506	430	649	352	107	63	54
4 rooms	4 142	3 383	394	365	2 476	1 057	594	386	202	146	36	55
5 rooms	8 141	7 757	266	118	2 055	1 251	473	172	36	69	48	6
6 rooms	3 810	3 631	159	20	831	589	173	36	12	10	11	—
7 rooms	1 663	1 635	28	—	281	228	41	12	—	—	—	—
8 rooms or more	1 174	1 149	25	—	177	171	6	—	—	—	—	—
Median	5.1	5.1	4.3	4.0	3.9	4.7	4.1	3.3	2.6	3.2	1.8	3.4

## PLUMBING FACILITIES BY PERSONS PER ROOM

With all plumbing facilities	19 584	17 861	1 057	666	8 480	3 577	1 769	1 319	852	427	404	132
0.50 or less	11 036	9 892	796	348	4 018	1 389	916	695	555	216	197	50
0.51 to 1.00	7 262	6 746	242	274	3 689	1 753	678	554	264	195	197	48
1.01 to 1.50	1 025	980	6	39	651	380	147	59	16	16	5	28
1.51 or more	261	243	13	5	122	55	28	11	17	—	5	6
Lacking some or all plumbing facilities	558	486	63	9	1 067	357	67	139	292	87	120	5
0.50 or less	357	294	63	—	454	169	20	78	126	29	32	—
0.51 to 1.00	155	151	—	4	520	119	42	56	156	54	88	5
1.01 to 1.50	20	20	—	—	28	15	5	—	4	4	—	—
1.51 or more	26	21	—	5	65	54	—	5	6	—	—	—

## BEDROOMS

None	98	79	19	—	639	—	21	80	107	131	300	—
1	1 870	1 424	340	106	3 753	750	801	1 168	578	256	139	61
2	9 243	8 267	539	437	3 134	1 798	755	204	137	79	98	63
3	6 728	6 467	241	20	1 586	1 099	332	97	—	58	—	—
4 or more	2 203	2 135	68	—	435	311	74	50	—	—	—	—

## YEAR STRUCTURE BUILT

1969 to March 1970	396	268	5	123	271	26	73	26	33	103	—	10
1965 to 1968	1 516	1 186	54	276	251	81	77	6	10	22	13	42
1960 to 1964	1 875	1 648	33	194	405	194	49	22	19	54	28	39
1950 to 1959	2 679	2 571	45	63	503	314	31	118	10	10	—	20
1940 to 1949	1 176	1 112	60	4	520	233	82	110	60	23	7	5
1939 or earlier	12 500	11 562	923	15	7 597	3 086	1 524	1 176	1 012	302	476	21

## INCOME IN 1969

Less than \$2,000	2 521	2 167	284	70	2 120	561	377	379	436	114	206	47
\$2,000 to \$2,999	1 407	1 220	141	46	833	238	181	163	125	59	57	10
\$3,000 to \$3,999	1 135	983	107	45	829	285	163	143	130	61	43	4
\$4,000 to \$4,999	1 117	961	121	35	892	354	201	159	103	35	40	—
\$5,000 to \$5,999	1 271	1 154	60	57	766	284	134	175	97	50	26	—
\$6,000 to \$6,999	1 387	1 281	41	65	881	424	138	140	83	40	37	19
\$7,000 to \$9,999	4 174	3 820	175	179	1 684	926	348	161	82	70	54	43
\$10,000 to \$14,999	4 726	4 436	131	159	1 225	701	223	117	75	49	46	14
\$15,000 to \$24,999	1 880	1 807	54	19	267	125	66	21	13	27	15	—
\$25,000 or more	524	518	6	—	50	36	5	—	—	9	—	—
Median	\$7 900	\$8 100	\$4 200	\$7 300	\$5 100	\$6 600	\$5 000	\$4 300	\$3 100	\$4 700	\$3 000	\$6 400

## YEAR MOVED INTO UNIT

1969 to March 1970	1 984	1 628	88	268	4 195	1 691	819	603	520	300	165	97
1968	1 388	1 137	101	150	1 199	528	248	164	146	20	66	27
1967	974	867	64	43	725	317	127	110	87	37	47	—
1965 and 1966	1 997	1 806	61	130	1 092	548	155	115	116	80	65	13
1960 to 1964	3 939	3 666	166	107	1 124	366	220	208	208	73	41	8
1950 to 1959	4 156	3 955	182	19	703	217	125	112	124	21	104	—
1949 or earlier	5 704	5 296	408	—	509	278	86	57	43	—	45	—

## GROSS RENT

Specified renter occupied <sup>1</sup>	...	...	...	...	9 193	3 580	1 836	1 458	1 144	514	524	137
Less than \$50	...	...	...	...	1 243	254	152	187	398	105	124	23
\$50 to \$59	...	...	...	...	976	225	215	216	182	73	61	4
\$60 to \$69	...	...	...	...	1 138	227	265	322	161	52	105	6
\$70 to \$79	...	...	...	...	1 048	324	207	240	157	11	88	21
\$80 to \$99	...	...	...	...	1 830	932	447	213	101	84	34	19
\$100 to \$119	...	...	...	...	1 008	594	185	90	49	45	23	22
\$120 to \$149	...	...	...	...	840	445	145	102	23	92	22	11
\$150 to \$199	...	...	...	...	432	186	108	53	22	32	25	6
\$200 to \$299	...	...	...	...	117	40	39	—	18	—	15	5
\$300 or more	...	...	...	...	24	4	—	6	5	9	—	—
No cash rent	...	...	...	...	537	349	73	29	28	11	27	20
Median	...	...	...	...	\$79	\$92	\$82	\$70	\$59	\$82	\$66	\$83

## HEATING EQUIPMENT

Steam or hot water	789	690	99	—	1 322	109	82	231	344	162	394	—
Warm-air furnace	15 736	14 441	769	526	5 210	2 230	1 214	834	485	270	82	95
Built-in electric units	221	198	5	18	94	26	24	9	26	9	—	—
Floor, wall, or pipeless furnace	1 235	1 125	36	74	692	457	83	71	50	10	6	15
Other means	2 153	1 885	211	57	2 229	1 112	433	313	239	63	42	27
None	8	8	—	—	—	—	—	—	—	—	—	—

## AIR CONDITIONING

Room unit(s)	7 309	6 641	366	302	2 089	932	410	255	181	69	186	56
Central system	2 363	2 213	51	99	644	94	100	119	55	174	87	15
None	10 470	9 501	653	316	6 814	2 919	1 270	995	1 008	288	260	74

## AUTOMOBILES AVAILABLE

1	9 775	8 798	533	444	5 093	2 207	972	774	550	293	216	81
2	6 470	6 082	162	226	1 385	892	212	120	53	48	26	34
3 or more	948	930	5	13	164	96	53	—	8	—	—	7
None	2 949	2 545	370	34	2 905	750	543	475	633	190	291	23

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	20 142	407	2 163	2 915	6 365	2 730	400	196	808	525	1 181	2 452
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	19 584	407	2 145	2 875	6 292	2 621	385	171	767	506	1 145	2 270
0.50 or less	11 036	171	260	395	3 574	2 095	165	122	410	438	1 145	2 261
0.51 to 1.00	7 262	220	1 611	1 927	2 409	501	198	44	286	57	—	9
1.01 to 1.50	1 025	5	213	464	229	20	22	5	56	11	—	—
1.51 or more	261	11	61	89	80	5	—	—	15	—	—	—
Lacking some or all plumbing facilities	558	—	18	40	73	109	15	25	41	19	36	182
0.50 or less	357	—	5	6	10	73	10	15	10	14	36	178
0.51 to 1.00	155	—	9	14	52	36	5	10	20	5	—	—
1.01 to 1.50	20	—	4	5	6	—	—	—	5	—	—	—
1.51 or more	26	—	—	15	5	—	—	—	6	—	—	—
UNITS IN STRUCTURE												
1	18 347	274	1 984	2 785	6 065	2 491	365	190	728	469	902	2 094
2 or more	1 120	20	51	63	203	186	13	6	46	51	181	300
Mobile home or trailer	675	113	128	67	97	53	22	—	34	5	98	58
INCOME IN 1969												
Less than \$2,000	2 521	—	33	27	117	311	5	52	93	100	308	1 475
\$2,000 to \$2,999	1 407	11	6	38	97	533	9	31	57	68	120	437
\$3,000 to \$3,999	1 135	15	36	56	143	382	10	10	55	76	166	186
\$4,000 to \$4,999	1 117	38	36	54	214	308	13	25	118	69	117	125
\$5,000 to \$5,999	1 271	49	115	143	391	233	19	28	93	49	105	46
\$6,000 to \$6,999	1 387	25	207	162	386	244	48	14	99	34	102	66
\$7,000 to \$9,999	4 174	144	734	775	1 527	326	144	26	159	69	214	56
\$10,000 to \$14,999	4 726	110	833	1 085	2 131	228	96	10	95	50	318	50
\$15,000 to \$24,999	1 880	15	129	501	1 018	118	44	—	39	10	—	6
\$25,000 or more	524	—	34	74	341	47	12	—	—	—	11	5
Median	\$7 900	\$8 400	\$9 700	\$10 900	\$10 700	\$4 500	\$9 000	\$4 200	\$5 900	\$4 300	\$4 000	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied <sup>1</sup>	16 894	250	1 899	2 581	5 537	2 218	349	166	666	438	848	1 942
Less than 1.5	8 145	155	1 039	1 516	3 613	758	206	48	302	114	228	166
1.5 to 1.9	2 556	39	367	476	816	342	51	31	138	72	107	117
2.0 to 2.4	1 680	21	239	245	487	222	42	20	41	41	98	194
2.5 to 2.9	1 148	14	97	170	264	221	21	16	40	48	76	181
3.0 to 3.9	1 137	10	80	79	159	285	15	26	39	61	86	297
4.0 or more	2 134	11	77	95	188	384	14	25	67	97	207	969
Not computed	94	—	—	—	10	6	—	—	9	5	46	18
Renter occupied housing units	9 547	989	1 441	715	1 190	582	210	39	1 069	156	1 473	1 683
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	8 480	932	1 384	678	1 084	541	200	29	1 002	145	1 164	1 321
0.50 or less	4 018	188	203	112	517	309	59	—	277	89	1 050	1 214
0.51 to 1.00	3 689	657	929	400	494	203	119	22	588	56	114	107
1.01 to 1.50	651	81	229	150	50	11	17	7	106	—	—	—
1.51 or more	122	6	23	16	23	18	5	—	31	—	—	—
Lacking some or all plumbing facilities	1 067	57	57	37	106	41	10	10	67	11	309	362
0.50 or less	454	5	—	—	20	26	—	—	5	11	190	197
0.51 to 1.00	520	43	27	22	57	15	5	10	57	—	119	165
1.01 to 1.50	28	4	4	—	15	—	—	—	—	—	—	—
1.51 or more	65	5	26	15	14	—	—	—	5	—	—	—
UNITS IN STRUCTURE												
1	3 934	392	911	516	669	244	69	27	389	74	312	331
2 to 4	3 294	358	446	146	355	234	85	—	526	64	448	632
5 to 19	1 658	190	67	38	122	57	41	6	117	18	527	475
20 or more	524	19	4	5	21	41	10	—	32	—	162	230
Mobile home or trailer	137	30	13	10	23	6	5	6	5	—	24	15
GROSS RENT												
Specified renter occupied <sup>2</sup>	9 193	963	1 366	649	1 107	556	200	34	1 063	151	1 449	1 655
Less than \$50	1 243	55	33	5	62	26	10	5	57	16	370	604
\$50 to \$59	976	69	89	37	90	68	20	—	77	21	228	277
\$60 to \$69	1 138	85	104	65	113	89	34	—	160	9	264	215
\$70 to \$79	1 048	161	130	40	112	70	21	6	167	21	169	151
\$80 to \$99	1 830	260	327	146	239	142	65	5	230	48	176	192
\$100 to \$119	1 008	167	229	119	138	48	27	6	143	6	59	66
\$120 to \$149	840	94	223	116	141	49	6	7	118	6	62	18
\$150 to \$199	432	47	133	48	77	16	12	—	49	—	39	11
\$200 to \$299	117	12	42	20	12	—	5	—	5	—	4	—
\$300 or more	24	—	—	4	11	—	—	—	—	5	78	100
No cash rent	537	13	56	49	112	48	—	5	57	19	—	—
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied <sup>2</sup>	9 193	963	1 366	649	1 107	556	200	34	1 063	151	1 449	1 655
Less than \$5,000	4 548	306	226	104	206	376	87	16	713	89	879	1 546
Less than 20 percent	661	71	45	33	59	75	5	—	72	5	179	117
20 to 24 percent	550	31	63	27	38	61	11	5	58	22	103	131
25 to 34 percent	836	71	57	18	37	75	24	—	153	16	101	284
35 percent or more	2 011	120	45	14	56	129	47	6	303	35	373	883
Not computed	490	13	16	12	16	36	—	5	127	11	123	131
\$5,000 to \$9,999	3 193	532	763	329	493	120	98	13	275	53	450	67
Less than 20 percent	2 419	414	550	224	362	69	72	6	208	44	421	49
20 to 24 percent	420	96	127	55	45	29	15	—	12	5	24	12
25 to 34 percent	191	12	56	28	26	11	6	7	40	—	5	—
35 percent or more	21	10	—	—	—	—	5	—	—	—	—	—
Not computed	142	—	30	22	60	11	—	—	15	4	78	32
\$10,000 to \$14,999	1 150	116	314	171	322	35	15	—	58	9	73	26
Less than 20 percent	1 032	116	277	151	281	35	15	—	53	5	73	26
20 to 24 percent	57	—	26	15	10	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	61	—	11	5	31	—	—	—	5	4	42	10
\$15,000 or more	302	9	63	45	86	25	—	5	17	—	23	10
Less than 20 percent	244	9	53	26	81	20	—	—	17	—	4	—
20 to 24 percent	8	—	—	4	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	50	—	10	15	5	5	—	—	—	—	15	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>20 142</b>	<b>3 633</b>	<b>6 990</b>	<b>3 043</b>	<b>2 724</b>	<b>1 876</b>	<b>1 002</b>	<b>509</b>	<b>365</b>	<b>2.4</b>
<b>BEDROOMS</b>										
None and 1	1 968	750	892	168	82	44	32	—	—	1.8
2	9 243	2 168	4 174	1 564	785	351	116	57	28	2.1
3	6 728	576	1 518	986	1 563	1 074	516	263	232	3.7
4 or more	2 203	84	469	270	358	352	355	120	195	4.3
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	396	41	125	65	65	53	20	22	5	3.0
1965 to 1968	1 516	104	427	269	360	224	57	49	26	3.3
1960 to 1964	1 875	106	583	303	418	279	132	44	10	3.3
1950 to 1959	2 679	315	973	498	349	320	154	50	20	2.6
1940 to 1949	1 176	283	398	190	136	76	26	31	36	2.3
1939 or earlier	12 500	2 784	4 484	1 718	1 396	924	613	313	268	2.3
<b>UNITS IN STRUCTURE</b>										
1	18 347	2 996	6 294	2 847	2 590	1 773	989	498	360	2.5
2 or more	1 120	481	431	80	57	42	13	11	5	1.7
Mobile home or trailer	675	156	265	116	77	61	—	—	—	2.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	16 650	3 206	6 002	2 436	2 153	1 452	753	361	287	2.4
2 and 2 1/2	2 426	159	721	433	396	373	199	117	28	3.3
3 or more	408	—	105	89	75	48	45	40	6	3.6
None or also used by another household	658	255	196	94	67	13	6	7	20	1.9
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>16 509</b>	...	<b>6 990</b>	<b>3 043</b>	<b>2 724</b>	<b>1 876</b>	<b>1 002</b>	<b>509</b>	<b>365</b>	<b>2.9</b>
Male head, wife present, no nonrelatives	14 580	...	5 955	2 592	2 530	1 791	916	464	332	3.0
Under 25 years	407	...	152	142	86	21	6	—	—	2.9
25 to 34 years	2 163	...	185	385	797	490	166	79	61	4.1
35 to 44 years	2 915	...	277	320	695	749	451	250	173	4.7
45 to 64 years	6 365	...	3 134	1 381	867	484	277	129	93	2.5
65 years and over	2 730	...	2 207	364	85	47	16	6	5	2.1
Other male head	596	...	263	165	79	48	23	13	5	2.7
Under 65 years	400	...	136	119	65	39	23	13	5	3.0
65 years and over	196	...	127	46	14	9	—	—	—	2.3
Female head	1 333	...	772	286	115	37	63	32	28	2.4
Under 65 years	808	...	343	219	92	37	57	32	28	2.8
65 years and over	525	...	429	67	23	—	6	—	—	2.1
<b>One-person households</b>	<b>3 633</b>	<b>3 633</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>16 894</b>	<b>2 790</b>	<b>5 733</b>	<b>2 647</b>	<b>2 417</b>	<b>1 626</b>	<b>920</b>	<b>452</b>	<b>309</b>	<b>2.5</b>
Less than 1.5	8 145	394	2 692	1 616	1 419	979	516	289	240	3.1
1.5 to 1.9	2 556	224	869	475	432	336	156	36	28	2.9
2.0 to 2.4	1 680	292	616	202	270	157	97	35	11	2.4
2.5 to 2.9	1 148	257	394	150	154	69	77	42	5	2.3
3.0 to 3.9	1 137	383	468	87	73	48	44	20	14	1.9
4.0 or more	2 134	1 176	679	102	69	37	30	30	11	1.4
Not computed	94	64	15	15	—	—	—	—	—	...
<b>Renter occupied housing units</b>	<b>9 547</b>	<b>3 156</b>	<b>2 529</b>	<b>1 556</b>	<b>1 021</b>	<b>606</b>	<b>324</b>	<b>163</b>	<b>192</b>	<b>2.1</b>
<b>BEDROOMS</b>										
None	639	597	42	—	—	—	—	—	—	1.0
1	3 753	1 974	1 243	385	88	63	—	—	—	1.5
2	3 134	482	901	819	566	277	89	—	—	2.7
3 or more	2 021	157	288	374	306	333	267	178	118	4.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	271	38	76	93	34	12	12	6	—	2.7
1965 to 1968	251	51	73	66	41	10	10	—	—	2.5
1960 to 1964	405	77	114	79	48	29	29	12	4	2.6
1950 to 1959	503	79	131	120	111	43	13	—	6	2.8
1940 to 1949	520	163	168	62	58	37	11	11	10	2.1
1939 or earlier	7 597	2 748	1 967	1 136	729	462	249	134	172	2.0
<b>UNITS IN STRUCTURE</b>										
1	3 934	643	903	774	684	446	235	117	132	3.0
2	1 836	473	620	342	170	104	56	25	46	2.2
3 and 4	1 458	607	463	232	86	24	16	21	9	1.8
5 to 9	1 144	739	285	66	36	7	6	—	5	1.3
10 to 19	514	263	105	107	19	14	6	—	—	1.5
20 or more	524	392	105	22	5	—	—	—	—	1.2
Mobile home or trailer	137	39	48	13	21	11	5	—	—	2.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	7 943	2 346	2 214	1 417	906	519	264	135	142	2.2
2 or more	378	71	56	28	91	38	29	22	43	3.9
None or also used by another household	1 226	753	233	91	57	32	25	7	28	1.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>6 391</b>	...	<b>2 529</b>	<b>1 556</b>	<b>1 021</b>	<b>606</b>	<b>324</b>	<b>163</b>	<b>192</b>	<b>2.9</b>
Male head, wife present, no nonrelatives	4 917	...	1 821	1 196	829	496	278	154	143	3.0
Under 25 years	989	...	344	143	143	29	—	11	6	2.8
25 to 34 years	1 441	...	231	319	436	242	113	29	71	3.9
35 to 44 years	715	...	102	125	127	129	116	73	43	4.5
45 to 64 years	1 190	...	633	237	123	90	49	35	23	2.4
65 years and over	582	...	511	59	—	6	—	6	—	2.1
Other male head	249	...	147	52	24	19	—	—	7	2.3
Under 65 years	210	...	125	47	24	14	—	—	—	2.3
65 years and over	39	...	22	5	—	5	—	—	—	...
Female head	1 225	...	561	308	168	91	46	9	42	2.7
Under 65 years	1 069	...	450	281	155	86	46	9	42	2.8
65 years and over	156	...	111	27	13	5	—	—	—	2.2
<b>One-person households</b>	<b>3 156</b>	<b>3 156</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>9 193</b>	<b>3 104</b>	<b>2 455</b>	<b>1 464</b>	<b>965</b>	<b>577</b>	<b>309</b>	<b>142</b>	<b>177</b>	<b>2.1</b>
Less than 10 percent	790	217	273	111	95	35	38	11	10	2.2
10 to 14 percent	1 973	372	648	404	234	154	88	37	36	2.4
15 to 19 percent	1 593	309	451	337	255	129	45	38	29	2.6
20 to 24 percent	1 035	280	220	200	138	85	54	27	31	2.6
25 to 34 percent	1 027	390	261	137	96	64	36	11	32	2.0
35 percent or more	2 032	1 262	420	152	70	60	23	18	27	1.3
Not computed	743	274	182	123	77	50	25	—	12	2.0

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A—9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
<b>Vacant for sale</b> .....	<b>288</b>	<b>79</b>	<b>94</b>	<b>115</b>	<b>Vacant for rent</b> .....	<b>1 184</b>	<b>575</b>	<b>256</b>	<b>353</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	31	4	—	27	1 room .....	85	42	17	26
4 rooms .....	51	15	16	20	2 rooms .....	152	77	39	36
5 rooms .....	91	32	31	28	3 rooms .....	341	176	77	88
6 rooms .....	72	23	22	27	4 rooms .....	251	123	43	85
7 rooms or more .....	43	5	25	13	5 rooms .....	210	102	46	62
<b>PLUMBING FACILITIES</b>					6 rooms .....	100	49	25	26
With all plumbing facilities .....	256	74	90	92	7 rooms or more .....	45	6	9	30
Lacking some or all plumbing facilities .....	32	5	4	23	<b>PLUMBING FACILITIES</b>				
<b>BEDROOMS</b>					With all plumbing facilities .....	977	479	215	283
None and 1 .....	47	16	—	31	Lacking some or all plumbing facilities .....	207	96	41	70
2 .....	96	32	48	16	<b>BEDROOMS</b>				
3 .....	112	33	47	32	None .....	199	67	64	68
4 or more .....	32	32	—	—	1 .....	463	247	81	135
<b>YEAR STRUCTURE BUILT</b>					2 .....	409	274	69	66
1969 to March 1970 .....	44	25	19	—	3 or more .....	118	69	17	32
1960 to 1968 .....	21	7	4	10	<b>YEAR STRUCTURE BUILT</b>				
1950 to 1959 .....	15	8	4	3	1969 to March 1970 .....	101	101	—	—
1949 or earlier .....	208	39	67	102	1960 to 1968 .....	41	23	5	13
<b>UNITS IN STRUCTURE</b>					1950 to 1959 .....	26	22	—	4
1 .....	269	75	89	105	1949 or earlier .....	1 016	429	251	336
2 or more .....	19	4	5	10	<b>UNITS IN STRUCTURE</b>				
<b>HEATING EQUIPMENT</b>					1 .....	349	99	82	168
Steam or hot water .....	2	2	—	—	2 to 4 .....	439	210	93	136
Warm-air furnace .....	193	52	81	60	5 to 9 .....	275	196	49	30
Built-in electric units .....	9	5	—	4	10 to 19 .....	83	41	23	19
Floor, wall, or pipeless furnace .....	9	—	5	4	20 or more .....	38	29	9	—
Other means .....	71	20	8	43	<b>RENT ASKED</b>				
None .....	4	—	—	4	Specified vacant for rent <sup>2</sup> .....	<b>1 146</b>	<b>566</b>	<b>248</b>	<b>332</b>
<b>SALES PRICE ASKED</b>					Less than \$50 .....	393	125	114	154
Specified vacant for sale <sup>1</sup> .....	<b>251</b>	<b>66</b>	<b>85</b>	<b>100</b>	\$50 to \$59 .....	198	97	43	58
Less than \$5,000 .....	45	9	2	34	\$60 to \$79 .....	294	149	66	79
\$5,000 to \$9,999 .....	94	12	41	41	\$80 to \$99 .....	107	66	19	22
\$10,000 to \$14,999 .....	31	7	9	15	\$100 to \$119 .....	17	6	6	5
\$15,000 to \$19,999 .....	18	8	10	—	\$120 to \$149 .....	34	24	—	10
\$20,000 to \$24,999 .....	35	15	16	4	\$150 to \$199 .....	87	83	—	4
\$25,000 to \$34,999 .....	17	10	7	—	\$200 or more .....	16	16	—	—
\$35,000 to \$49,999 .....	8	2	—	6	Median rent asked .....	\$59	\$68	\$52	\$52
\$50,000 or more .....	3	3	—	—					
Median price asked .....	\$8 800	...	...	\$6 200					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A—10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA	Sales price asked—Vacant for sale <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
<b>Total</b> .....	<b>251</b>	<b>139</b>	<b>31</b>	<b>18</b>	<b>35</b>	<b>17</b>	<b>11</b>	<b>1 146</b>	<b>591</b>	<b>294</b>	<b>107</b>	<b>51</b>	<b>87</b>	<b>16</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	224	77	66	—	33	33	15	885	418	204	121	19	105	18
Lacking some or all plumbing facilities .....	16	16	—	—	—	—	—	285	250	18	17	—	—	—
<b>BEDROOMS</b>														
None and 1 .....	16	16	—	—	—	—	—	662	435	155	35	—	37	—
2 .....	96	47	49	—	—	—	—	390	199	50	70	19	52	—
3 .....	96	30	17	—	16	33	—	67	16	17	16	—	—	18
4 or more .....	32	—	—	—	17	—	15	51	18	—	17	—	16	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	44	—	3	8	16	14	3	101	—	—	—	13	76	12
1960 to 1968 .....	21	4	—	4	7	—	6	41	9	5	4	16	7	—
1950 to 1959 .....	15	4	7	4	—	—	—	26	9	6	7	—	4	—
1949 or earlier .....	171	131	21	2	12	3	2	978	573	283	96	22	—	4
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	311	200	52	28	19	8	4
2 to 4 .....	...	...	...	...	...	...	...	439	224	161	46	5	3	—
5 to 19 .....	...	...	...	...	...	...	...	358	137	81	33	19	76	12
20 or more .....	...	...	...	...	...	...	...	38	30	—	—	8	—	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	556	288	186	71	11	—	—
Some or no utilities included .....	...	...	...	...	...	...	...	590	303	108	36	40	87	16

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

St. Joseph	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>15 025</b>	<b>1 861</b>	<b>2 370</b>	<b>2 448</b>	<b>2 221</b>	<b>1 543</b>	<b>2 181</b>	<b>1 062</b>	<b>821</b>	<b>360</b>	<b>158</b>	<b>10 900</b>
<b>ROOMS</b>												
1 and 2 rooms	38	14	9	—	—	10	5	—	—	—	—	...
3 rooms	577	308	172	70	16	—	6	—	—	5	—	5000—
4 rooms	2 794	742	666	559	333	255	210	18	11	—	—	7 500
5 rooms	6 278	598	953	1 118	1 087	726	1 134	430	202	30	—	11 100
6 rooms	2 990	127	316	487	477	337	539	331	260	96	20	13 200
7 rooms	1 388	35	146	148	217	140	193	165	221	83	40	15 200
8 rooms or more	960	37	108	66	91	75	94	118	127	146	98	20 400
Median	5.2	4.3	4.9	5.0	5.2	5.2	5.3	5.8	6.3	7.1	7.5+	...
<b>PERSONS</b>												
1 person	2 632	569	656	486	328	214	247	76	45	11	—	8 000
2 persons	5 256	736	775	881	753	532	749	339	289	151	51	10 800
3 persons	2 355	188	269	404	458	261	383	208	110	46	28	11 700
4 persons	2 004	117	269	309	280	213	352	198	176	42	48	12 800
5 persons	1 342	100	149	193	185	158	264	122	107	52	12	13 200
6 persons or more	1 436	151	252	175	217	165	186	119	94	58	19	11 600
Median	2.4	2.0	2.2	2.3	2.6	2.6	2.7	3.1	3.2	2.9	3.5	...
Units with roomers, boarders, or lodgers	191	37	22	25	28	21	19	21	—	18	—	11 000
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>14 841</b>	<b>1 726</b>	<b>2 330</b>	<b>2 448</b>	<b>2 217</b>	<b>1 538</b>	<b>2 181</b>	<b>1 062</b>	<b>821</b>	<b>360</b>	<b>158</b>	<b>11 000</b>
0.50 or less	8 570	1 076	1 390	1 476	1 249	856	1 129	571	459	236	128	10 700
0.51 to 1.00	5 333	449	745	867	841	545	932	464	340	120	30	11 800
1.01 to 1.50	737	124	140	88	106	127	99	27	22	4	—	10 400
1.51 or more	201	77	55	17	21	10	21	—	—	—	—	6 100
<b>Lacking some or all plumbing facilities</b>	<b>184</b>	<b>135</b>	<b>40</b>	<b>—</b>	<b>4</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>5000—</b>
0.50 or less	109	65	35	—	4	5	—	—	—	—	—	5000—
0.51 to 1.00	65	60	5	—	—	—	—	—	—	—	—	...
1.01 to 1.50	4	4	—	—	—	—	—	—	—	—	—	...
1.51 or more	6	6	—	—	—	—	—	—	—	—	—	...
<b>BEDROOMS</b>												
None and 1	1 126	489	342	122	57	41	75	—	—	—	—	5 500
2	6 944	953	1 292	1 228	1 130	1 106	847	219	132	19	18	10 000
3	5 213	298	521	666	770	540	1 139	596	482	156	45	14 100
4 or more	1 807	143	225	264	243	109	227	253	103	74	166	13 200
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	107	5	—	—	—	12	10	20	38	10	12	26 700
1965 to 1968	644	9	7	16	15	5	158	152	165	81	36	23 700
1960 to 1964	1 198	7	32	20	57	150	366	257	224	62	23	19 500
1950 to 1959	2 298	68	96	122	383	382	643	278	171	96	59	15 700
1940 to 1949	944	99	161	152	152	101	137	68	43	21	10	11 000
1939 or earlier	9 834	1 673	2 074	2 138	1 614	893	867	287	180	90	18	8 900
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	12 574	1 689	2 245	2 415	2 052	1 268	1 829	651	327	76	22	9 900
2 and 2 1/2	1 915	20	83	73	164	197	309	389	408	217	55	21 400
3 or more	365	6	11	13	16	11	21	26	110	96	55	32 100
None or also used by another household	225	164	47	—	6	—	8	—	—	—	—	5000—
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>12 393</b>	<b>1 292</b>	<b>1 714</b>	<b>1 962</b>	<b>1 893</b>	<b>1 329</b>	<b>1 934</b>	<b>986</b>	<b>776</b>	<b>349</b>	<b>158</b>	<b>11 600</b>
Male head, wife present, no nonrelatives	10 912	1 053	1 466	1 726	1 598	1 217	1 782	886	707	323	154	11 700
Under 25 years	215	24	38	56	27	14	46	10	—	—	—	9 500
25 to 34 years	1 479	80	176	252	211	173	371	111	68	27	10	12 800
35 to 44 years	2 157	129	259	265	367	262	334	220	205	95	21	13 100
45 to 64 years	4 996	465	594	775	727	578	815	396	358	180	108	12 300
65 years and over	2 065	355	399	378	266	190	216	149	76	21	15	9 300
Other male head	433	61	81	49	73	60	32	37	20	16	4	10 900
Under 65 years	277	13	34	38	53	51	26	32	15	11	4	12 500
65 years and over	156	48	47	11	20	9	6	5	5	5	—	6 600
Female head	1 048	178	167	187	222	52	120	63	49	10	—	9 900
Under 65 years	620	132	102	98	116	22	61	45	39	5	—	9 400
65 years and over	428	46	65	89	106	30	59	18	10	5	—	10 300
<b>One-person households</b>	<b>2 632</b>	<b>569</b>	<b>656</b>	<b>486</b>	<b>328</b>	<b>214</b>	<b>247</b>	<b>76</b>	<b>45</b>	<b>11</b>	<b>—</b>	<b>8 000</b>
Under 65 years	788	126	225	155	106	53	79	22	11	11	—	8 200
65 years and over	1 844	443	431	331	222	161	168	54	34	—	—	7 900
<b>INCOME IN 1969</b>												
Less than \$2,000	1 856	531	512	275	204	121	134	41	28	10	—	6 900
\$2,000 to \$2,999	1 023	264	233	120	164	119	82	16	25	—	—	7 800
\$3,000 to \$3,999	811	174	143	227	112	47	65	29	4	5	—	8 500
\$4,000 to \$4,999	757	153	121	176	116	52	101	32	6	—	—	9 000
\$5,000 to \$5,999	970	142	190	233	143	86	118	40	—	—	—	9 100
\$6,000 to \$6,999	1 025	151	192	200	143	111	122	37	48	10	11	9 600
\$7,000 to \$9,999	3 045	276	487	614	546	321	497	193	92	19	—	10 700
\$10,000 to \$14,999	3 669	148	382	487	603	533	784	359	306	62	5	13 500
\$15,000 to \$24,999	1 419	22	96	97	177	143	230	241	226	130	57	19 000
\$25,000 or more	450	—	14	19	13	10	48	74	86	106	80	30 500
Median	\$8 100	\$3 800	\$5 900	\$7 000	\$8 300	\$9 200	\$9 800	\$12 000	\$13 400	\$19 300	\$25 500	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 181	111	154	197	137	101	201	92	74	74	20	12 300
1968	896	92	130	162	109	66	146	47	92	52	—	11 500
1967	706	46	125	113	92	35	150	54	62	16	13	11 900
1965 and 1966	1 482	119	161	173	202	178	262	166	130	72	19	13 700
1960 to 1964	3 031	212	427	400	445	370	564	265	253	65	30	12 700
1950 to 1959	3 538	401	564	559	633	397	431	300	142	61	50	11 000
1949 or earlier	4 245	898	825	897	620	329	413	142	72	49	—	8 600
<b>HEATING EQUIPMENT</b>												
Steam or hot water	573	15	26	72	94	56	90	68	84	56	12	16 200
Warm-air furnace	12 467	1 013	1 763	2 087	1 987	1 440	2 046	963	727	295	146	11 700
Built-in electric units	71	6	—	15	—	15	8	6	10	—	—	...
Floor, wall, or pipeless furnace	780	188	251	169	111	23	23	15	—	—	—	7 000
Other means	1 126	639	330	105	18	9	10	10	—	5	—	5000—
None	8	—	—	—	—	—	4	—	—	4	—	...
<b>AIR CONDITIONING</b>												
Room unit(s)	5 713	430	655	873	932	807	1 152	450	289	90	35	12 400
Central system	1 918	7	40	119	125	128	366	330	447	267	89	22 600
None	7 448	1 442	1 691	1 509	1 181	541	649	286	109	32	8	8 500

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

St. Joseph	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>	<b>8 550</b>	<b>1 183</b>	<b>945</b>	<b>1 107</b>	<b>1 017</b>	<b>1 755</b>	<b>955</b>	<b>725</b>	<b>331</b>	<b>90</b>	<b>20</b>	<b>422</b>	<b>78</b>
<b>ROOMS</b>													
1 room	546	323	42	90	33	10	6	6	5	5	—	26	50—
2 rooms	963	458	252	120	55	43	5	4	—	10	—	16	51
3 rooms	2 072	273	396	484	348	294	92	81	15	5	—	84	67
4 rooms	2 148	110	153	263	374	686	266	126	86	25	9	50	83
5 rooms	1 786	19	87	113	144	516	359	260	136	21	11	120	99
6 rooms	685	—	6	31	41	168	156	146	59	19	—	59	109
7 rooms	207	—	5	6	16	28	53	66	5	5	—	23	114
8 rooms or more	143	—	4	—	6	10	18	36	25	—	—	44	—
Median	3.8	2.1	3.0	3.2	3.7	4.3	4.8	5.1	4.9	—	—	4.8	—
<b>PERSONS</b>													
1 person	3 014	935	500	479	320	368	120	70	45	21	4	152	60
2 persons	2 266	172	216	300	358	546	220	226	87	23	11	107	81
3 persons	1 327	52	130	137	156	344	216	142	80	7	5	58	88
4 persons	860	19	60	86	71	220	162	128	56	18	—	40	95
5 persons	516	—	16	50	41	158	107	60	29	16	—	39	96
6 persons or more	567	5	23	55	71	119	130	99	34	5	—	26	99
Median	2.1	1.1	1.4	1.7	2.0	2.4	3.1	3.0	2.9	—	—	2.1	—
Units with roomers, boarders, or lodgers	145	—	12	32	10	39	30	11	6	—	—	5	85
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>7 712</b>	<b>648</b>	<b>821</b>	<b>1 028</b>	<b>997</b>	<b>1 746</b>	<b>950</b>	<b>721</b>	<b>331</b>	<b>90</b>	<b>20</b>	<b>360</b>	<b>82</b>
0.50 or less	3 678	447	479	459	500	784	322	298	142	34	15	198	77
0.51 to 1.00	3 325	173	279	452	389	799	502	368	165	56	5	137	87
1.01 to 1.50	599	23	45	84	103	148	109	55	13	—	—	19	84
1.51 or more	110	5	18	33	5	15	17	—	11	—	—	6	69
<b>Lacking some or all plumbing facilities</b>	<b>838</b>	<b>535</b>	<b>124</b>	<b>79</b>	<b>20</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>62</b>	<b>50—</b>
0.50 or less	356	—	53	42	5	9	5	4	—	—	—	19	50—
0.51 to 1.00	435	302	66	22	10	—	—	—	—	—	—	35	50—
1.01 to 1.50	18	9	—	9	—	—	—	—	—	—	—	—	—
1.51 or more	29	5	5	6	5	—	—	—	—	—	—	8	—
<b>BEDROOMS</b>													
None	639	322	96	108	20	21	22	25	—	—	—	25	50
1	3 545	706	669	725	510	452	147	117	—	17	—	202	64
2	2 707	106	152	229	260	894	476	176	241	40	18	115	93
3 or more	1 652	—	73	72	171	288	275	418	135	41	—	179	110
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	185	5	6	—	10	21	48	72	—	10	9	4	120
1965 to 1968	149	—	9	—	13	19	16	36	21	7	11	17	128
1960 to 1964	295	—	—	14	22	21	31	52	96	24	—	35	144
1950 to 1959	462	19	18	5	21	67	38	160	85	21	—	28	129
1940 to 1949	499	62	46	82	85	93	41	55	24	—	—	11	76
1939 or earlier	6 960	1 097	866	1 006	866	1 534	781	350	105	28	—	327	74
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	50	—	25	—	—	—	—	25	—	—	—	—	—
With elevator	25	—	—	—	—	—	—	25	—	—	—	—	—
Walk-up	25	—	—	—	—	—	—	—	—	—	—	—	—
1 to 3 floors	8 493	1 134	965	1 134	961	1 655	920	711	376	98	18	521	78
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	7 188	592	782	966	1 006	1 721	939	637	240	71	7	227	81
2 or more	321	42	—	13	—	18	30	79	48	7	13	71	128
None or also used by another household	1 011	588	152	85	40	50	7	6	—	—	—	83	50—
<b>INCOME IN 1969</b>													
Less than \$2,000	1 992	663	354	308	174	210	89	62	16	5	—	111	58
\$2,000 to \$2,999	762	192	115	96	132	128	56	17	4	—	—	22	67
\$3,000 to \$3,999	772	93	94	133	91	206	67	30	11	12	5	30	76
\$4,000 to \$4,999	818	62	127	155	136	143	71	49	5	10	—	60	73
\$5,000 to \$5,999	675	48	71	107	60	229	75	42	28	—	—	15	84
\$6,000 to \$6,999	804	46	109	116	98	228	134	26	12	5	—	30	81
\$7,000 to \$9,999	1 434	59	43	158	205	371	229	221	86	—	—	62	89
\$10,000 to \$14,999	1 043	20	22	30	104	197	215	226	142	35	—	52	111
\$15,000 to \$24,999	210	—	10	4	17	39	19	45	18	23	10	25	122
\$25,000 or more	40	—	—	—	—	4	—	7	9	—	5	15	—
Median	\$4 900	\$2000—	\$3 000	\$4 100	\$4 800	\$5 800	\$6 900	\$8 900	\$10 100	—	—	\$4 800	—
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	3 740	423	309	454	360	854	548	433	203	49	13	94	85
1968	1 122	116	152	166	223	210	97	85	36	—	—	37	75
1967	652	85	146	75	47	129	75	11	20	14	—	50	69
1965 and 1966	944	143	112	96	140	223	107	70	13	—	7	33	77
1960 to 1964	1 029	189	83	128	189	200	112	69	9	15	—	35	75
1950 to 1959	648	174	81	90	44	116	25	47	7	—	—	64	64
1949 or earlier	385	92	51	55	43	57	12	7	—	—	—	68	63
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	723	155	108	107	141	128	33	34	17	—	—	—	69
10 to 14 percent	1 867	160	216	277	249	456	265	178	49	12	5	—	81
15 to 19 percent	1 466	118	112	181	153	384	211	194	90	17	6	—	87
20 to 24 percent	983	163	77	116	101	182	144	102	65	29	—	—	85
25 to 34 percent	939	185	89	83	118	239	93	69	63	—	—	—	80
35 percent or more	1 961	366	338	305	233	337	191	123	36	27	5	—	69
Not computed	611	36	5	38	22	29	18	25	11	5	—	422	77
<b>AIR CONDITIONING</b>													
Room unit(s)	1 898	55	149	166	282	490	271	257	67	25	—	136	89
Central system	533	21	—	13	7	34	51	180	117	46	20	44	140
None	6 089	1 146	785	885	757	1 265	654	285	104	7	—	201	72

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

St. Joseph	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Owner occupied housing units</b>	<b>16 868</b>	<b>2 188</b>	<b>1 202</b>	<b>947</b>	<b>938</b>	<b>1 098</b>	<b>1 124</b>	<b>3 441</b>	<b>3 933</b>	<b>1 536</b>	<b>461</b>	<b>7 800</b>
<b>ROOMS</b>												
1 and 2 rooms	87	52	10	5	5	5	—	5	5	—	—	...
3 rooms	914	199	180	70	73	76	79	152	76	9	—	4 100
4 rooms	3 464	766	290	241	264	258	283	730	534	88	10	5 700
5 rooms	6 727	827	529	435	386	429	479	1 478	1 609	497	58	7 600
6 rooms	3 214	244	141	99	117	202	196	648	1 040	386	141	9 800
7 rooms or more	2 462	100	52	97	93	128	87	428	669	556	252	11 800
<b>PERSONS</b>												
1 person	3 246	1 592	484	331	211	137	141	250	78	6	16	2 100
2 persons	5 982	467	587	458	508	493	481	1 204	1 155	470	159	7 000
3 and 4 persons	4 666	79	97	111	147	351	307	1 159	1 683	567	165	10 200
5 persons	1 461	12	11	36	31	39	99	409	515	247	62	10 900
6 persons or more	1 513	38	23	11	41	78	96	419	502	246	59	10 500
Units with roomers, boarders, or lodgers	214	51	16	14	14	29	19	32	23	10	6	5 400
<b>BEDROOMS</b>												
Less than 3	9 516	1 939	890	765	563	788	596	1 814	1 617	498	46	5 800
3	5 543	318	227	213	282	365	314	1 236	1 648	626	314	9 600
4 or more	1 964	155	40	82	82	40	81	388	545	270	281	11 000
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	192	—	11	5	—	8	22	52	57	30	7	9 900
1960 to 1968	2 252	89	102	58	87	72	101	472	784	348	139	10 900
1950 to 1959	2 391	138	89	71	112	131	146	563	740	296	105	9 700
1949 or earlier	12 033	1 961	1 000	813	739	887	855	2 352	2 352	862	210	6 700
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 437	96	68	94	76	99	111	308	417	141	27	8 700
1968	1 088	64	75	52	74	67	91	261	279	76	49	8 400
1960 to 1967	5 781	394	222	182	239	289	380	1 459	1 814	637	165	9 400
1959 or earlier	8 579	1 572	845	592	559	632	592	1 455	1 460	700	172	6 200
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	10 868	804	321	535	492	762	664	2 482	3 062	1 149	597	9 200
Clothes dryer	9 183	547	264	412	480	514	475	2 026	2 753	1 117	595	9 800
Dishwasher	2 197	86	103	23	23	108	88	222	566	490	511	14 100
Home food freezer	5 762	298	140	305	326	348	330	1 376	1 562	670	407	9 500
Owned second home	589	47	20	42	57	57	59	122	87	47	108	8 700
With air conditioning	8 444	583	519	284	355	481	605	1 725	2 417	1 110	365	9 400
Room unit(s)	6 401	525	394	221	291	409	540	1 397	1 842	611	171	8 800
Central system	2 043	58	125	63	64	72	65	328	575	499	194	12 100
Automobiles available:												
1	8 106	733	735	611	595	737	728	2 002	1 545	347	73	6 900
2	5 248	114	49	36	84	170	310	1 238	2 048	951	248	11 500
3 or more	777	—	6	7	17	12	6	114	294	247	74	13 900
<b>Renter occupied housing units</b>	<b>8 610</b>	<b>1 999</b>	<b>767</b>	<b>782</b>	<b>824</b>	<b>686</b>	<b>804</b>	<b>1 434</b>	<b>1 054</b>	<b>215</b>	<b>45</b>	<b>4 900</b>
<b>ROOMS</b>												
1 room	546	292	72	40	26	23	36	47	5	5	—	2000—
2 rooms	963	447	125	107	85	36	58	79	26	—	—	2 300
3 rooms	2 078	615	242	240	209	194	206	249	87	32	4	3 800
4 rooms	2 165	349	191	200	259	222	209	385	289	52	9	5 400
5 rooms	1 802	175	110	131	186	160	182	411	379	58	10	6 800
6 rooms or more	1 056	121	27	64	59	51	113	263	268	68	22	8 100
<b>PERSONS</b>												
1 person	3 036	1 515	389	299	179	128	171	198	105	33	19	2 000
2 persons	2 277	272	229	186	276	226	187	462	343	86	10	5 800
3 and 4 persons	2 214	177	103	215	219	233	275	492	426	58	16	6 600
5 persons	516	23	18	36	51	51	102	115	88	32	—	6 800
6 persons or more	567	12	28	46	99	48	69	167	92	6	—	6 700
Units with roomers, boarders, or lodgers	150	53	16	18	6	15	19	—	8	15	—	3 300
<b>BEDROOMS</b>												
None	639	281	99	94	25	—	49	91	—	—	—	2 400
1	3 567	1 165	435	404	322	307	219	370	285	60	—	3 500
2	2 731	374	140	273	308	304	227	531	451	102	21	5 900
3 or more	1 672	147	51	111	184	135	121	376	358	148	41	7 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	185	33	12	18	24	11	—	51	23	13	—	5 500
1960 to 1968	444	55	18	32	16	10	30	106	120	43	14	8 700
1950 to 1959	462	55	8	33	—	17	48	134	150	17	—	8 600
1949 or earlier	7 519	1 856	729	699	784	648	726	1 143	761	142	31	4 600
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 740	731	333	430	370	338	355	595	492	75	21	5 000
1968	1 129	195	78	95	133	66	177	224	149	12	—	6 000
1960 to 1967	2 647	731	277	151	203	171	259	513	276	52	14	4 800
1959 or earlier	1 063	346	110	85	81	92	62	117	128	42	—	3 900
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	8 550	1 992	762	772	818	675	804	1 434	1 043	210	40	4 900
Less than 15 percent	2 590	6	10	64	131	195	342	866	787	164	25	8 900
15 to 19 percent	1 466	21	68	94	256	220	313	320	157	17	—	6 200
20 to 24 percent	983	61	139	169	170	156	85	152	47	4	—	4 700
25 to 34 percent	939	184	207	265	142	78	29	34	—	—	—	3 300
35 percent or more	1 961	1 420	316	150	59	11	5	—	—	—	—	2000—
Not computed	611	300	22	30	60	15	30	62	52	25	15	2 300
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	2 742	316	80	199	259	290	165	585	643	164	41	7 300
Clothes dryer	2 066	215	31	102	196	290	80	428	493	190	41	7 800
Dishwasher	290	20	40	—	48	—	20	40	41	39	42	...
Home food freezer	712	120	—	43	41	62	46	82	236	20	62	8 600
Owned second home	194	—	—	22	—	64	—	90	—	18	—	...
With air conditioning	2 453	277	139	211	189	181	296	432	596	97	35	6 800
Room unit(s)	1 920	222	123	155	151	150	265	354	437	40	23	6 600
Central system	533	55	16	56	38	31	31	78	159	57	12	8 500
Automobiles available:												
1	4 546	590	331	426	492	472	602	890	636	86	21	5 900
2	1 102	41	12	26	66	60	113	367	348	55	14	8 900
3 or more	107	—	—	17	—	8	16	12	28	26	—	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

St. Joseph	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
<b>Owner occupied housing units</b> .....	<b>16 868</b>	<b>16 607</b>	<b>9 754</b>	<b>5 811</b>	<b>818</b>	<b>224</b>	<b>251</b>	<b>177</b>	<b>69</b>	<b>4</b>	<b>11</b>
<b>PERSONS</b>											
1 person .....	3 246	3 119	3 114	5	—	—	127	123	4	—	—
2 persons .....	5 982	5 893	5 491	397	—	5	89	54	30	—	5
3 persons .....	2 516	2 499	922	1 572	—	—	17	—	17	—	—
4 persons .....	2 150	2 132	170	1 926	31	5	18	—	18	—	—
5 persons .....	1 461	1 457	57	1 206	163	31	4	—	—	4	—
6 persons or more .....	1 513	1 507	—	705	624	178	6	—	—	—	6
Median .....	2.4	2.4	1.8	4.0	6.2	7.5+	1.5	1.2	...	...	...
Units with roomers, boarders, or lodgers .....	214	214	111	89	14	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	207	207	134	68	5	—	—	—	—	—	—
1965 to 1968 .....	821	821	365	411	39	6	—	—	—	—	—
1960 to 1964 .....	1 358	1 345	597	664	78	6	13	6	7	—	—
1950 to 1959 .....	2 416	2 378	1 154	1 051	159	14	38	14	16	—	8
1940 to 1949 .....	1 055	1 035	641	319	44	31	20	20	—	—	—
1939 or earlier .....	11 028	10 810	6 752	3 387	512	159	218	139	66	5	8
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	2 188	2 056	1 912	112	26	6	132	108	19	—	5
\$2,000 to \$2,999 .....	1 202	1 163	965	171	17	10	39	24	15	—	—
\$3,000 to \$3,999 .....	947	931	764	151	16	—	16	10	6	—	—
\$4,000 to \$4,999 .....	938	915	693	194	28	—	23	11	6	—	6
\$5,000 to \$5,999 .....	1 098	1 088	648	367	47	26	10	5	5	—	—
\$6,000 to \$6,999 .....	1 124	1 114	614	393	87	20	10	10	—	—	—
\$7,000 to \$9,999 .....	3 441	3 414	1 571	1 502	275	66	27	9	14	4	—
\$10,000 to \$14,999 .....	3 933	3 933	1 562	2 061	232	78	—	—	—	—	—
\$15,000 to \$24,999 .....	1 536	1 532	716	720	78	18	4	—	4	—	—
\$25,000 or more .....	461	461	309	140	12	—	—	—	—	—	—
Median .....	\$7 800	\$7 900	\$5 800	\$10 000	\$9 100	\$9 300	\$2 000	\$2000—	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	15 025	14 841	8 570	5 333	737	201	184	109	65	4	6
Less than 1.5 .....	7 296	7 225	3 299	3 289	478	159	71	26	35	4	6
1.5 to 1.9 .....	2 231	2 201	1 117	954	104	26	30	14	16	—	—
2.0 to 2.4 .....	1 414	1 399	894	456	49	—	15	11	4	—	—
2.5 to 2.9 .....	1 000	992	662	285	45	—	8	8	—	—	—
3.0 to 3.9 .....	1 021	998	792	169	32	5	23	18	5	—	—
4.0 or more .....	1 980	1 943	1 734	169	29	11	37	32	5	—	—
Not computed .....	83	83	72	11	—	—	—	—	—	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	686	686	487	178	16	5	—	—	—	—	—
Warm-air furnace .....	13 793	13 715	8 016	4 896	647	156	78	66	8	4	—
Built-in electric units .....	99	99	49	44	6	—	—	—	—	—	—
Floor, wall, or pipeless furnace .....	887	864	473	318	54	19	23	17	6	—	—
Other means .....	1 395	1 235	721	375	95	44	160	94	55	—	11
None .....	8	8	8	—	—	—	—	—	—	—	—
<b>Renter occupied housing units</b> .....	<b>8 610</b>	<b>7 767</b>	<b>3 712</b>	<b>3 340</b>	<b>605</b>	<b>110</b>	<b>843</b>	<b>361</b>	<b>435</b>	<b>18</b>	<b>29</b>
<b>PERSONS</b>											
1 person .....	3 036	2 427	2 206	221	—	—	609	325	284	—	—
2 persons .....	2 277	2 125	1 308	795	—	22	152	36	116	—	—
3 persons .....	1 343	1 309	161	1 101	34	13	34	—	30	4	—
4 persons .....	871	847	18	735	94	—	24	—	5	14	5
5 persons .....	516	516	19	336	143	18	—	—	—	—	—
6 persons or more .....	567	543	—	152	334	57	24	—	—	—	24
Median .....	2.1	2.2	1.3	3.1	5.7	6.9	1.2	1.1	1.3	...	...
Units with roomers, boarders, or lodgers .....	150	144	30	96	13	5	6	6	—	—	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	158	158	60	98	—	—	—	—	—	—	—
1965 to 1968 .....	182	182	93	69	20	—	—	—	—	—	—
1960 to 1964 .....	253	253	116	100	30	7	—	—	—	—	—
1950 to 1959 .....	469	469	133	296	40	—	—	—	—	—	—
1940 to 1949 .....	504	435	197	178	45	15	69	36	33	—	—
1939 or earlier .....	7 013	6 186	3 032	2 628	456	70	827	338	445	16	28
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	1 999	1 568	1 152	356	48	12	431	205	226	—	—
\$2,000 to \$2,999 .....	767	663	403	200	50	10	104	46	54	4	—
\$3,000 to \$3,999 .....	782	720	349	303	51	17	62	25	18	9	—
\$4,000 to \$4,999 .....	824	730	269	343	102	16	94	33	56	—	5
\$5,000 to \$5,999 .....	686	656	236	353	62	5	30	15	15	—	—
\$6,000 to \$6,999 .....	804	762	227	398	109	28	42	16	26	—	14
\$7,000 to \$9,999 .....	1 434	1 364	485	743	114	22	70	16	35	5	—
\$10,000 to \$14,999 .....	1 054	1 044	454	521	69	—	10	5	5	—	—
\$15,000 to \$24,999 .....	215	215	108	107	—	—	—	—	—	—	—
\$25,000 or more .....	45	45	29	16	—	—	—	—	—	—	—
Median .....	\$4 900	\$5 300	\$3 900	\$6 300	\$5 800	\$5 000	\$2 000	\$2000—	\$2000—	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	8 550	7 712	3 678	3 325	599	110	838	356	435	18	29
Less than 10 percent .....	723	629	265	315	44	5	94	26	68	—	—
10 to 14 percent .....	1 867	1 754	683	909	141	21	113	59	33	10	11
15 to 19 percent .....	1 466	1 366	488	707	153	18	100	32	64	4	—
20 to 24 percent .....	983	893	358	443	79	13	90	29	52	4	5
25 to 34 percent .....	1 939	845	432	316	67	30	94	32	57	—	—
35 percent or more .....	1 961	1 698	1 168	433	86	11	263	154	109	—	—
Not computed .....	611	527	284	202	29	12	84	24	52	—	8
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	1 311	1 114	661	417	26	10	197	42	151	4	—
Warm-air furnace .....	4 811	4 604	2 164	2 052	340	48	207	107	94	—	6
Built-in electric units .....	74	69	40	23	—	6	5	5	—	—	—
Floor, wall, or pipeless furnace .....	575	549	272	207	61	9	26	17	9	—	—
Other means .....	1 839	1 431	575	641	178	37	408	190	181	14	23
None .....	—	—	—	—	—	—	—	—	—	—	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## St. Joseph

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	<b>16 868</b>	<b>29</b>	<b>58</b>	<b>914</b>	<b>3 464</b>	<b>6 727</b>	<b>3 214</b>	<b>1 445</b>	<b>1 017</b>	<b>5.1</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	16 542	20	52	900	3 362	6 622	3 270	1 372	944	5.1
<b>PERSONS</b>										
1 person	3 246	9	53	386	987	1 288	352	110	61	4.6
2 persons	5 982	10	5	422	1 493	2 526	930	401	195	4.9
3 persons	2 516	5	—	44	509	1 036	504	260	158	5.2
4 persons	2 150	5	—	31	230	896	558	260	170	5.4
5 persons	1 461	—	—	31	167	523	414	168	158	5.5
6 persons or more	1 513	—	—	—	78	458	456	246	275	6.0
Median	2.4	...	...	1.7	2.0	2.3	3.1	3.3	4.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>16 607</b>	<b>20</b>	<b>36</b>	<b>850</b>	<b>3 385</b>	<b>6 655</b>	<b>3 199</b>	<b>1 445</b>	<b>1 017</b>	<b>5.1</b>
0.50 or less	9 754	—	31	352	2 411	3 772	1 776	771	641	5.1
0.51 to 1.00	5 811	5	5	436	739	2 425	1 238	622	341	5.2
1.01 to 1.50	818	—	—	31	188	374	152	46	27	5.0
1.51 or more	224	15	—	31	47	84	33	6	8	4.7
<b>Lacking some or all plumbing facilities</b>	<b>261</b>	<b>9</b>	<b>22</b>	<b>64</b>	<b>79</b>	<b>72</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>3.9</b>
0.50 or less	177	—	22	34	69	42	10	—	—	4.0
0.51 to 1.00	69	4	—	30	—	30	5	—	—	...
1.01 to 1.50	4	—	—	—	4	—	—	—	—	...
1.51 or more	11	5	—	—	6	—	—	—	—	...
<b>BEDROOMS</b>										
None and 1	1 554	40	19	533	776	167	—	—	19	3.7
2	7 962	—	—	201	2 597	4 378	620	122	44	4.8
3	5 543	—	—	—	134	2 234	2 235	740	200	5.7
4 or more	1 964	—	—	—	—	75	195	741	953	7.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	192	—	—	13	49	71	21	26	12	5.0
1960 to 1968	2 252	5	10	73	364	909	519	240	132	5.2
1950 to 1959	2 391	5	5	70	493	1 116	462	171	69	5.1
1949 or earlier	12 033	19	43	758	2 558	4 631	2 212	1 008	804	5.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	14 137	20	52	887	3 254	6 036	2 642	856	390	5.0
2 or more	2 430	—	—	13	108	601	638	516	554	6.3
None or also used by another household	318	8	23	80	99	101	7	—	—	4.0
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>15 025</b>	<b>19</b>	<b>19</b>	<b>577</b>	<b>2 794</b>	<b>6 278</b>	<b>2 990</b>	<b>1 388</b>	<b>960</b>	<b>5.2</b>
Less than 1.5	7 296	5	5	289	1 460	2 843	1 503	689	502	5.2
1.5 to 1.9	2 231	—	—	95	350	959	446	212	169	5.2
2.0 to 2.9	2 414	4	4	67	345	1 028	547	259	160	5.3
3.0 or more	3 001	10	10	120	619	1 408	481	224	129	5.0
Not computed	83	—	—	6	20	40	13	4	—	...
<b>Renter occupied housing units</b>	<b>8 610</b>	<b>546</b>	<b>963</b>	<b>2 078</b>	<b>2 165</b>	<b>1 802</b>	<b>706</b>	<b>207</b>	<b>143</b>	<b>3.8</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	7 449	212	624	1 746	2 099	1 798	638	181	151	4.0
<b>PERSONS</b>										
1 person	3 036	505	740	925	562	207	64	5	28	2.8
2 persons	2 277	22	180	731	660	540	110	17	17	3.8
3 persons	1 343	13	38	286	456	389	127	20	14	4.2
4 persons	871	—	5	108	285	279	148	28	18	4.6
5 persons	516	—	—	18	143	191	108	26	30	5.0
6 persons or more	567	6	—	10	59	196	149	111	36	5.6
Median	2.1	1.0	1.2	1.7	2.3	2.9	3.9	5.7	4.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>7 767</b>	<b>256</b>	<b>687</b>	<b>1 878</b>	<b>2 116</b>	<b>1 784</b>	<b>696</b>	<b>207</b>	<b>143</b>	<b>4.0</b>
0.50 or less	3 712	—	535	820	1 191	737	291	42	96	3.9
0.51 to 1.00	3 340	221	118	941	728	859	307	132	34	4.0
1.01 to 1.50	605	—	34	94	181	157	93	33	13	4.5
1.51 or more	110	35	—	23	16	31	5	—	—	3.4
<b>Lacking some or all plumbing facilities</b>	<b>843</b>	<b>290</b>	<b>276</b>	<b>200</b>	<b>49</b>	<b>18</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>2.0</b>
0.50 or less	361	—	205	105	31	10	10	—	—	2.4
0.51 to 1.00	435	284	62	76	13	—	—	—	—	1.3
1.01 to 1.50	18	—	4	14	—	—	—	—	—	...
1.51 or more	29	6	5	5	5	8	—	—	—	...
<b>BEDROOMS</b>										
None	639	408	211	20	—	—	—	—	—	1.3
1	3 567	—	961	1 942	558	86	20	—	—	2.9
2	2 731	—	—	132	1 488	972	119	20	—	4.3
3 or more	1 672	—	—	—	92	539	713	265	63	5.8
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	185	—	5	40	46	56	26	6	6	4.5
1960 to 1968	444	18	9	85	167	102	33	18	12	4.2
1950 to 1959	462	9	15	74	118	184	37	12	13	4.6
1949 or earlier	7 519	519	934	1 879	1 834	1 460	610	171	112	3.7
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	7 232	268	610	1 760	2 070	1 764	537	141	82	4.0
2 or more	329	6	36	7	29	41	101	40	69	6.0
None or also used by another household	1 018	333	272	271	88	29	13	—	12	2.1
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>8 550</b>	<b>546</b>	<b>963</b>	<b>2 072</b>	<b>2 148</b>	<b>1 786</b>	<b>685</b>	<b>207</b>	<b>143</b>	<b>3.8</b>
Less than 10 percent	723	61	85	165	229	122	33	24	4	3.7
10 to 14 percent	1 867	73	157	407	461	487	182	66	34	4.1
15 to 19 percent	1 466	53	132	365	379	359	133	33	12	4.0
20 to 24 percent	983	59	79	202	291	202	95	22	33	4.0
25 to 34 percent	939	91	97	243	228	202	61	12	5	3.7
35 percent or more	1 961	172	367	542	472	263	107	27	11	3.3
Not computed	611	37	46	148	88	151	74	23	44	4.3

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

St. Joseph	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	16 868	15 358	1 068	442	8 610	3 183	1 718	1 458	1 121	514	524	92
<b>ROOMS</b>												
1 room	29	19	—	10	546	35	22	26	158	73	221	11
2 rooms	58	19	25	14	963	56	92	177	384	109	145	—
3 rooms	914	602	223	89	2 078	450	415	649	346	107	63	48
4 rooms	3 464	2 859	354	251	2 165	847	532	386	185	146	36	33
5 rooms	6 727	6 404	260	63	1 802	1 030	447	172	36	69	48	—
6 rooms	3 214	3 046	153	15	706	469	168	36	12	10	11	—
7 rooms	1 445	1 417	28	—	207	159	36	12	—	—	—	—
8 rooms or more	1 017	992	25	—	143	137	6	—	—	—	—	—
Median	5.1	5.2	4.3	3.9	3.8	4.7	4.1	3.3	2.6	3.2	1.8	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	16 607	15 169	1 005	433	7 767	3 050	1 651	1 319	829	427	404	87
0.50 or less	9 754	8 765	758	231	3 712	1 175	858	695	544	216	197	27
0.51 to 1.00	5 811	5 425	228	158	3 340	1 482	618	554	252	195	197	42
1.01 to 1.50	818	773	6	39	605	350	147	59	16	16	5	12
1.51 or more	224	206	13	5	110	43	28	11	17	—	6	—
Lacking some or all plumbing facilities	261	189	63	9	843	139	67	139	292	87	120	5
0.50 or less	177	114	63	—	361	76	20	78	126	29	32	—
0.51 to 1.00	69	65	—	4	435	34	42	56	156	54	88	5
1.01 to 1.50	4	4	—	—	18	5	5	—	4	4	—	—
1.51 or more	11	6	—	5	29	18	—	5	6	—	—	—
<b>BEDROOMS</b>												
None	59	40	19	—	639	—	21	80	107	131	300	—
1	1 495	1 110	321	64	3 567	604	801	1 168	578	256	139	21
2	7 962	7 110	499	353	2 731	1 522	650	204	137	79	98	41
3	5 543	5 301	222	20	1 311	824	332	97	—	58	—	—
4 or more	1 964	1 896	68	—	361	237	74	50	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	192	107	—	85	185	22	20	26	10	103	—	4
1965 to 1968	849	649	29	171	149	38	28	6	10	22	13	32
1960 to 1964	1 403	1 230	27	146	295	102	43	22	19	54	28	27
1950 to 1959	2 391	2 321	39	31	462	278	31	118	10	10	—	15
1940 to 1949	1 023	959	60	4	505	218	82	110	60	23	7	5
1939 or earlier	11 010	10 092	913	5	7 014	2 525	1 514	1 176	1 012	302	476	9
<b>INCOME IN 1969</b>												
Less than \$2,000	2 188	1 885	268	35	1 999	468	366	379	436	114	206	30
\$2,000 to \$2,999	1 202	1 031	141	30	767	184	181	163	119	59	57	4
\$3,000 to \$3,999	947	823	102	22	782	244	157	143	130	61	43	4
\$4,000 to \$4,999	938	798	116	24	824	286	201	139	103	35	40	—
\$5,000 to \$5,999	1 098	990	60	48	686	314	130	175	91	50	26	—
\$6,000 to \$6,999	1 124	1 035	41	48	804	347	138	140	83	40	37	19
\$7,000 to \$9,999	3 441	3 127	171	143	1 434	740	306	161	77	70	54	26
\$10,000 to \$14,999	3 933	3 740	115	78	1 054	570	194	117	69	49	46	9
\$15,000 to \$24,999	1 536	1 474	48	14	215	99	40	21	13	27	15	—
\$25,000 or more	461	455	6	—	45	31	5	—	—	9	—	—
Median	\$7 800	\$8 100	\$4 200	\$7 300	\$4 900	\$6 600	\$4 800	\$4 300	\$3 000	\$4 700	\$3 000	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 437	1 195	75	167	3 740	1 382	720	603	488	300	165	82
1968	1 088	907	82	99	1 129	472	248	164	146	20	66	13
1967	810	719	56	35	659	251	127	110	87	37	47	—
1965 and 1966	1 631	1 495	61	75	944	422	140	115	116	80	65	6
1960 to 1964	3 340	3 115	166	59	1 044	295	211	208	208	73	41	8
1950 to 1959	3 632	3 431	182	19	633	147	125	112	124	21	104	—
1949 or earlier	4 947	4 539	408	—	430	199	86	57	43	—	45	—
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	8 550	3 123	1 718	1 458	1 121	514	524	92
Less than \$50	...	...	...	...	1 183	211	147	187	398	105	124	11
\$50 to \$59	...	...	...	...	945	194	215	216	182	73	61	4
\$60 to \$69	...	...	...	...	1 107	202	265	322	161	52	105	—
\$70 to \$79	...	...	...	...	1 017	293	207	240	157	11	88	21
\$80 to \$99	...	...	...	...	1 755	862	447	213	101	84	34	14
\$100 to \$119	...	...	...	...	955	547	185	90	49	45	23	16
\$120 to \$149	...	...	...	...	725	366	115	102	17	92	22	11
\$150 to \$199	...	...	...	...	331	155	61	53	5	32	25	—
\$200 to \$299	...	...	...	...	90	40	12	—	18	—	15	5
\$300 or more	...	...	...	...	20	—	—	6	5	9	—	—
No cash rent	...	...	...	...	422	253	64	29	28	11	27	10
Median	...	...	...	...	\$78	\$92	\$80	\$70	\$58	\$82	\$66	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water	686	587	99	—	1 311	98	82	231	344	162	394	—
Warm-air furnace	13 793	12 709	727	357	4 811	1 985	1 105	834	462	270	82	73
Built-in electric units	99	81	5	13	74	10	20	9	26	9	—	—
Floor, wall, or pipeless furnace	887	805	36	46	575	351	83	71	50	10	6	4
Other means	1 395	1 168	201	26	1 839	739	428	313	239	63	42	15
None	8	8	—	—	—	—	—	—	—	—	—	—
<b>AIR CONDITIONING</b>												
Room unit(s)	6 401	5 850	358	193	1 920	825	355	255	181	69	186	49
Central system	2 043	1 944	38	61	533	81	49	119	23	174	87	—
None	8 441	7 607	634	200	6 126	2 262	1 253	995	1 008	288	260	60
<b>AUTOMOBILES AVAILABLE</b>												
1	8 106	7 306	501	299	4 546	1 749	913	774	542	293	216	59
2	5 248	4 975	154	119	1 102	686	166	120	29	48	26	27
3 or more	777	759	5	13	107	56	43	—	8	—	—	—
None	2 754	2 361	370	23	2 824	677	535	475	633	190	291	23

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

## St. Joseph

St. Joseph	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	16 868	327	1 616	2 303	5 385	2 308	311	166	710	496	1 056	2 190
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	16 607	327	1 608	2 298	5 360	2 273	311	151	679	481	1 031	2 088
0.50 or less	9 754	125	224	323	3 101	1 811	150	112	371	423	1 031	2 083
0.51 to 1.00	5 811	186	1 150	1 551	2 007	437	152	34	242	47	—	5
1.01 to 1.50	818	5	183	352	182	20	9	5	51	11	—	—
1.51 or more	224	11	51	72	70	5	—	—	15	—	—	—
Lacking some or all plumbing facilities	261	—	8	5	25	35	—	15	31	15	25	102
0.50 or less	177	—	—	—	4	20	—	10	10	10	25	98
0.51 to 1.00	69	—	4	5	16	15	—	5	15	5	—	4
1.01 to 1.50	4	—	4	—	—	—	—	—	—	—	—	—
1.51 or more	11	—	—	—	5	—	—	—	6	—	—	—
UNITS IN STRUCTURE												
1	15 358	215	1 499	2 203	5 128	2 105	282	160	647	445	802	1 872
2 or more	1 068	15	46	57	188	180	13	6	46	51	177	289
Mobile home or trailer	442	97	71	43	69	23	16	—	17	—	77	29
INCOME IN 1969												
Less than \$2,000	2 188	—	21	27	81	248	5	42	77	95	268	1 324
\$2,000 to \$2,999	1 202	11	6	27	76	443	9	26	52	68	106	378
\$3,000 to \$3,999	947	5	18	47	95	330	10	5	40	66	158	173
\$4,000 to \$4,999	938	28	31	43	162	259	13	20	112	59	97	114
\$5,000 to \$5,999	1 098	44	104	133	332	186	15	28	74	45	96	41
\$6,000 to \$6,999	1 124	25	145	111	310	223	38	9	88	34	93	48
\$7,000 to \$9,999	3 441	119	550	599	1 305	258	115	26	150	69	194	56
\$10,000 to \$14,999	3 933	84	622	871	1 844	217	73	10	84	50	33	45
\$15,000 to \$24,999	1 536	11	91	385	866	113	21	—	33	10	—	6
\$25,000 or more	461	—	28	60	314	31	12	—	—	—	11	5
Median	\$7 800	\$8 300	\$9 600	\$10 900	\$10 900	\$4 500	\$8 700	\$4 500	\$6 000	\$4 300	\$4 000	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied <sup>1</sup>	15 025	215	1 479	2 157	4 996	2 065	277	156	620	428	788	1 844
Less than 1.5	7 296	150	867	1 271	3 322	716	145	48	287	109	224	157
1.5 to 1.9	2 231	29	277	410	711	317	51	31	123	67	102	113
2.0 to 2.4	1 414	5	166	192	418	207	42	20	65	41	79	179
2.5 to 2.9	1 000	10	57	126	229	216	15	16	35	48	71	177
3.0 to 3.9	1 021	10	62	68	144	269	10	21	34	61	80	262
4.0 or more	1 980	11	50	90	167	334	14	20	67	97	192	938
Not computed	83	—	—	—	5	6	—	—	9	5	40	18
Renter occupied housing units	8 610	890	1 200	591	999	540	179	23	1 002	150	1 419	1 617
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	7 767	844	1 169	580	955	520	169	18	946	139	1 133	1 294
0.50 or less	3 712	150	112	107	464	293	42	—	255	83	1 019	1 187
0.51 to 1.00	3 340	607	822	318	438	203	110	11	554	56	114	107
1.01 to 1.50	605	81	219	139	35	6	12	7	106	—	—	—
1.51 or more	110	6	16	16	18	18	5	—	31	—	—	—
Lacking some or all plumbing facilities	843	46	31	11	44	20	10	5	56	11	286	323
0.50 or less	361	5	—	—	5	10	—	—	5	11	167	158
0.51 to 1.00	435	37	11	11	26	10	5	5	46	—	119	165
1.01 to 1.50	18	4	4	—	5	—	5	—	—	—	—	—
1.51 or more	29	—	16	—	8	—	—	—	5	—	—	—
UNITS IN STRUCTURE												
1	3 183	317	754	405	505	202	44	17	322	68	268	281
2 to 4	3 176	340	379	139	345	234	79	—	526	64	443	627
5 to 19	1 635	184	55	38	122	57	41	6	117	18	522	475
20 or more	524	19	4	5	21	41	10	—	32	—	162	230
Mobile home or trailer	92	30	8	4	6	6	5	—	5	—	24	4
GROSS RENT												
Specified renter occupied <sup>2</sup>	8 550	884	1 195	585	988	535	179	23	1 002	145	1 409	1 605
Less than \$50	1 183	50	33	—	51	26	10	5	57	16	365	570
\$50 to \$59	945	63	89	37	85	68	11	—	71	21	223	277
\$60 to \$69	1 107	85	99	65	87	89	34	—	160	9	264	215
\$70 to \$79	1 017	150	130	40	102	70	21	6	157	21	169	151
\$80 to \$99	1 755	250	300	141	227	137	59	5	220	48	176	192
\$100 to \$119	955	156	214	103	138	48	27	—	143	6	54	66
\$120 to \$149	725	63	187	100	135	43	6	7	108	6	52	18
\$150 to \$199	331	47	80	42	57	16	6	—	38	—	34	11
\$200 to \$299	90	7	32	13	7	—	5	—	5	—	—	21
\$300 or more	20	—	—	—	11	—	—	—	—	5	4	—
No cash rent	422	13	31	44	88	38	—	—	43	13	68	84
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied <sup>2</sup>	8 550	884	1 195	585	988	535	179	23	1 002	145	1 409	1 605
Less than \$5,000	4 344	279	220	104	190	360	76	5	667	83	864	1 496
Less than 20 percent	650	66	45	33	59	75	5	—	66	5	179	117
20 to 24 percent	539	25	63	27	38	61	11	5	53	22	103	131
25 to 34 percent	798	61	57	18	37	69	24	—	148	16	101	267
35 percent or more	1 945	114	45	14	45	129	36	—	293	35	368	866
Not computed	412	13	10	12	11	26	—	—	107	5	113	115
\$5,000 to \$9,999	2 913	486	662	302	432	115	88	13	265	53	430	67
Less than 20 percent	2 256	379	503	219	321	64	62	6	203	44	406	49
20 to 24 percent	393	90	121	50	35	29	15	—	12	5	24	12
25 to 34 percent	141	12	28	11	26	11	6	7	40	—	—	6
35 percent or more	16	5	—	—	—	—	5	—	—	—	—	—
Not computed	107	—	10	22	50	11	—	—	10	4	—	—
\$10,000 to \$14,999	1 043	110	271	148	292	35	15	—	58	9	73	32
Less than 20 percent	944	110	239	128	265	35	15	—	53	5	68	26
20 to 24 percent	47	—	21	15	5	—	—	—	—	—	—	6
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	52	—	11	5	22	—	—	—	5	4	—	—
\$15,000 or more	250	9	42	31	74	25	—	5	12	—	42	10
Less than 20 percent	206	9	37	21	69	20	—	5	12	—	23	10
20 to 24 percent	4	—	—	—	—	—	—	—	—	—	4	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	40	—	5	10	5	5	—	—	—	—	15	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B—8. Persons in Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

## St. Joseph

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b> .....	<b>16 868</b>	<b>3 246</b>	<b>5 982</b>	<b>2 516</b>	<b>2 150</b>	<b>1 461</b>	<b>839</b>	<b>371</b>	<b>303</b>	<b>2.4</b>
<b>BEDROOMS</b>										
None and 1 .....	1 554	671	696	69	42	44	32	—	—	1.7
2 .....	7 962	2 009	3 575	1 248	683	331	116	—	—	2.1
3 .....	5 543	492	1 326	814	1 231	809	460	207	204	3.6
4 or more .....	1 964	65	469	270	338	291	327	64	140	4.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	192	32	65	34	40	10	11	—	—	2.5
1965 to 1968 .....	849	61	273	140	198	96	42	25	14	3.1
1960 to 1964 .....	1 403	84	461	244	290	206	79	34	5	3.1
1950 to 1959 .....	2 391	261	862	440	317	302	144	45	20	2.7
1940 to 1949 .....	1 023	235	373	170	120	47	26	16	36	2.2
1939 or earlier .....	11 010	2 573	3 948	1 488	1 185	800	537	251	228	2.2
<b>UNITS IN STRUCTURE</b>										
1 .....	15 358	2 674	5 411	2 369	2 045	1 375	826	360	298	2.4
2 or more .....	1 068	466	408	71	52	42	13	11	5	1.7
Mobile home or trailer .....	442	106	163	76	53	44	—	—	—	2.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	14 137	2 936	5 170	2 061	1 682	1 172	603	255	258	2.3
2 and 2 1/2 .....	2 048	153	643	379	328	252	177	97	19	3.1
3 or more .....	382	—	97	83	69	48	39	40	6	3.7
None or also used by another household .....	318	138	100	26	34	5	—	7	8	1.7
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>13 622</b>	<b>...</b>	<b>5 982</b>	<b>2 516</b>	<b>2 150</b>	<b>1 461</b>	<b>839</b>	<b>371</b>	<b>303</b>	<b>2.8</b>
Male head, wife present, no nonrelatives .....	11 939	...	5 048	2 113	1 994	1 411	765	338	270	2.9
Under 25 years .....	327	...	116	112	72	21	6	—	—	2.9
25 to 34 years .....	1 616	...	142	266	598	352	151	56	51	4.2
35 to 44 years .....	2 303	...	233	261	552	582	354	185	136	4.7
45 to 64 years .....	5 385	...	2 688	1 157	707	426	238	91	78	2.5
65 years and over .....	2 308	...	1 869	317	65	30	16	6	5	2.1
Other male head .....	477	...	223	150	58	19	16	6	5	2.6
Under 65 years .....	311	...	116	114	44	10	16	6	5	2.8
65 years and over .....	166	...	107	36	14	9	—	—	—	2.3
Female head .....	1 206	...	711	253	98	31	58	27	28	2.3
Under 65 years .....	710	...	302	195	75	31	52	27	28	2.8
65 years and over .....	496	...	409	58	23	—	6	—	—	2.1
<b>One-person households</b> .....	<b>3 246</b>	<b>3 246</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>15 025</b>	<b>2 632</b>	<b>5 256</b>	<b>2 355</b>	<b>2 004</b>	<b>1 342</b>	<b>804</b>	<b>355</b>	<b>277</b>	<b>2.4</b>
Less than 1.5 .....	7 296	381	2 507	1 446	1 216	832	458	243	213	3.0
1.5 to 1.9 .....	2 231	215	783	419	343	271	141	31	28	2.8
2.0 to 2.4 .....	1 414	258	554	180	125	74	13	11	11	2.3
2.5 to 2.9 .....	1 000	248	362	130	129	46	18	5	5	2.2
3.0 to 3.9 .....	1 021	342	437	70	68	31	39	20	14	1.9
4.0 or more .....	1 980	1 130	603	95	49	37	30	30	6	1.4
Not computed .....	83	58	10	15	—	—	—	—	—	...
<b>Renter occupied housing units</b> .....	<b>8 610</b>	<b>3 036</b>	<b>2 277</b>	<b>1 343</b>	<b>871</b>	<b>516</b>	<b>260</b>	<b>135</b>	<b>172</b>	<b>2.1</b>
<b>BEDROOMS</b>										
None .....	639	597	42	—	—	—	—	—	—	1.0
1 .....	3 567	1 913	1 161	363	88	42	—	—	—	1.4
2 .....	2 731	432	714	723	518	255	89	—	—	2.8
3 or more .....	1 672	136	288	267	219	289	237	118	118	4.2
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	185	33	35	76	16	7	12	6	—	2.8
1965 to 1968 .....	149	40	43	31	30	—	5	—	—	2.3
1960 to 1964 .....	295	66	92	45	38	25	13	12	4	2.4
1950 to 1959 .....	462	67	121	97	115	43	13	—	6	2.9
1940 to 1949 .....	505	163	163	62	58	37	11	6	5	2.0
1939 or earlier .....	7 014	2 667	1 823	1 014	632	404	206	111	157	2.0
<b>UNITS IN STRUCTURE</b>										
1 .....	3 183	549	739	598	548	372	176	89	112	3.0
2 .....	1 718	463	562	311	156	99	56	25	46	2.2
3 and 4 .....	1 458	607	463	232	86	24	16	21	9	1.8
5 to 9 .....	1 121	734	273	60	36	7	6	—	5	1.3
10 to 19 .....	514	263	105	107	19	14	6	—	—	1.5
20 or more .....	524	392	105	22	5	—	—	—	—	1.2
Mobile home or trailer .....	92	28	30	13	21	—	—	—	—	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	7 232	2 288	1 990	1 254	781	461	202	120	136	2.2
2 or more .....	329	71	48	12	72	32	29	22	43	4.0
None or also used by another household .....	1 018	699	211	45	32	9	12	—	10	1.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>5 574</b>	<b>...</b>	<b>2 277</b>	<b>1 343</b>	<b>871</b>	<b>516</b>	<b>260</b>	<b>135</b>	<b>172</b>	<b>2.9</b>
Male head, wife present, no nonrelatives .....	4 220	...	1 625	1 018	686	428	214	126	123	3.0
Under 25 years .....	890	...	311	419	120	23	—	11	6	2.8
25 to 34 years .....	1 200	...	158	254	378	225	102	22	61	4.0
35 to 44 years .....	591	...	97	118	90	100	91	57	38	4.4
45 to 64 years .....	999	...	580	178	98	74	21	30	18	2.4
65 years and over .....	540	...	479	49	—	6	—	6	—	2.1
Other male head .....	202	...	119	37	20	19	—	—	7	2.3
Under 65 years .....	179	...	108	37	20	14	—	—	—	...
65 years and over .....	23	...	11	—	—	5	—	9	42	2.6
Female head .....	1 152	...	533	288	165	69	46	9	42	2.8
Under 65 years .....	1 002	...	428	261	152	64	46	—	—	2.2
65 years and over .....	150	...	105	27	13	5	—	—	—	1.0
<b>One-person households</b> .....	<b>3 036</b>	<b>3 036</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>8 550</b>	<b>3 014</b>	<b>2 266</b>	<b>1 327</b>	<b>860</b>	<b>516</b>	<b>260</b>	<b>135</b>	<b>172</b>	<b>2.1</b>
Less than 10 percent .....	723	207	246	106	82	35	26	11	10	2.1
10 to 14 percent .....	1 867	372	605	384	224	137	77	37	31	2.4
15 to 19 percent .....	1 466	299	427	301	222	117	40	31	29	2.5
20 to 24 percent .....	983	280	214	190	117	80	44	27	31	2.5
25 to 34 percent .....	939	368	238	111	85	50	36	11	32	1.9
35 percent or more .....	1 961	1 240	391	147	65	50	23	18	27	1.3
Not computed .....	611	248	145	88	65	39	14	—	12	1.9

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B—9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

St. Joseph					St. Joseph				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
<b>Vacant for sale</b> .....	<b>236</b>	<b>55</b>	<b>78</b>	<b>103</b>	<b>Vacant for rent</b> .....	<b>1 118</b>	<b>554</b>	<b>248</b>	<b>316</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	19	4	—	15	1 room .....	85	42	17	26
4 rooms .....	51	15	16	20	2 rooms .....	148	77	39	32
5 rooms .....	82	23	31	28	3 rooms .....	336	171	77	88
6 rooms .....	48	11	10	27	4 rooms .....	232	116	39	77
7 rooms or more .....	36	2	21	13	5 rooms .....	189	97	42	50
<b>PLUMBING FACILITIES</b>					6 rooms .....	96	45	25	26
With all plumbing facilities .....	225	55	78	92	7 rooms or more .....	32	6	9	17
Lacking some or all plumbing facilities .....	11	—	—	11	<b>PLUMBING FACILITIES</b>				
<b>BEDROOMS</b>					With all plumbing facilities .....	936	458	211	267
None and 1 .....	31	16	—	15	Lacking some or all plumbing facilities .....	182	96	37	49
2 .....	96	32	48	16	<b>BEDROOMS</b>				
3 .....	63	16	15	32	None .....	199	67	64	68
4 or more .....	15	15	—	—	1 .....	463	247	81	135
<b>YEAR STRUCTURE BUILT</b>					2 .....	374	239	69	66
1969 to March 1970 .....	17	6	11	—	3 or more .....	118	69	17	32
1960 to 1968 .....	21	7	4	10	<b>YEAR STRUCTURE BUILT</b>				
1950 to 1959 .....	15	8	4	3	1969 to March 1970 .....	101	101	—	—
1949 or earlier .....	183	34	59	90	1960 to 1968 .....	34	20	5	9
<b>UNITS IN STRUCTURE</b>					1950 to 1959 .....	18	18	—	—
1 .....	217	51	73	93	1949 or earlier .....	965	415	243	307
2 or more .....	19	4	5	10	<b>UNITS IN STRUCTURE</b>				
<b>HEATING EQUIPMENT</b>					1 .....	291	86	74	131
Steam or hot water .....	2	2	—	—	2 to 4 .....	431	202	93	136
Warm-air furnace .....	162	33	69	60	5 to 9 .....	275	196	49	30
Built-in electric units .....	9	5	—	4	10 to 19 .....	83	41	23	19
Floor, wall, or pipeless furnace .....	9	—	5	4	20 or more .....	38	29	9	—
Other means .....	50	15	4	31	<b>RENT ASKED</b>				
None .....	4	—	—	4	<b>Specified vacant for sale<sup>1</sup></b> .....	<b>1 114</b>	<b>554</b>	<b>248</b>	<b>312</b>
<b>SALES PRICE ASKED</b>					Less than \$50 .....	377	125	114	138
Specified vacant for sale <sup>1</sup> .....	208	47	73	88	\$50 to \$59 .....	189	92	43	54
Less than \$5,000 .....	37	9	2	26	\$60 to \$79 .....	294	149	66	79
\$5,000 to \$9,999 .....	86	12	37	37	\$80 to \$99 .....	103	62	19	22
\$10,000 to \$14,999 .....	31	7	9	15	\$100 to \$119 .....	17	6	6	5
\$15,000 to \$19,999 .....	14	4	10	4	\$120 to \$149 .....	34	24	—	10
\$20,000 to \$24,999 .....	23	7	12	4	\$150 to \$199 .....	84	80	—	4
\$25,000 to \$34,999 .....	6	3	3	—	\$200 or more .....	16	16	—	—
\$35,000 to \$49,999 .....	8	2	—	6	Median rent asked .....	\$60	\$68	\$52	\$53
\$50,000 or more .....	3	3	—	—					
Median price asked .....	\$8 100	...	...	...					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B—10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Sales price asked—Vacant for sale <sup>1</sup>								Rent asked—Vacant for rent <sup>2</sup>						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
<b>St. Joseph</b>														
<b>Total</b> .....	<b>208</b>	<b>123</b>	<b>31</b>	<b>14</b>	<b>23</b>	<b>6</b>	<b>11</b>	<b>1 114</b>	<b>566</b>	<b>294</b>	<b>103</b>	<b>51</b>	<b>84</b>	<b>16</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	174	77	66	—	—	16	15	869	418	204	121	19	89	18
Lacking some or all plumbing facilities .....	—	—	—	—	—	—	—	285	250	18	17	—	—	—
<b>BEDROOMS</b>														
None and 1 .....	—	—	—	—	—	—	—	662	435	155	35	—	37	—
2 .....	96	47	49	—	—	—	—	374	199	50	70	19	36	—
3 .....	63	30	17	—	—	16	—	67	16	17	16	—	—	18
4 or more .....	15	—	—	—	—	—	15	51	18	—	17	—	16	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	17	—	3	4	4	3	3	101	—	—	—	13	76	12
1960 to 1968 .....	21	4	—	4	7	—	6	34	5	5	4	16	4	—
1950 to 1959 .....	15	4	7	4	—	—	—	18	5	6	3	—	4	—
1949 or earlier .....	155	115	21	2	12	3	2	961	556	283	96	22	—	4
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	287	180	52	24	19	8	4
2 to 4 .....	...	...	...	...	...	...	...	431	219	161	46	5	—	—
5 to 19 .....	...	...	...	...	...	...	...	358	137	81	33	19	76	12
20 or more .....	...	...	...	...	...	...	...	38	30	—	—	8	—	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	540	276	186	67	11	—	—
Some or no utilities included .....	...	...	...	...	...	...	...	574	290	108	36	40	84	16

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

## Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE . . .	App-1
COUNTIES . . . . .	App-1
PLACES . . . . .	App-1
STANDARD METROPOLITAN STATISTICAL AREAS . . . . .	App-1

### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

### COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

### PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

### STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, **Standard Metropolitan Statistical Areas: 1967**, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA.

## Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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### GENERAL

**Self-enumeration and census questionnaire.**—As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

**Comparability with 1960 data.**—Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechanical refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume 1 reports.

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

**Housing units.**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

**Group quarters.**—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Rules for mobile homes, hotels, rooming houses, etc.**—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit

criteria; other living quarters are considered group quarters.

**Institutions.**—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

#### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied housing units.**—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent—for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

**Race.**—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

**Spanish heritage.**—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

**Puerto Rican birth or parentage.**—Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

**Spanish language or Spanish surname.**—In five Southwestern States—Arizona, California, Colorado, New Mexico, and Texas—household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

**Spanish language.**—In all other States and the District of Columbia, household heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

**Tenure.**—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A

cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

**Year moved into unit.**—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

**Vacant housing units.**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy status.**—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

**Vacant for sale.**—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

**Vacant for rent.**—Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

**Duration of vacancy.**—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

#### UTILIZATION CHARACTERISTICS

**Persons.**—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

**Rooms.**—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers,

utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

**Persons per room.**—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

**Bedrooms.**—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

#### STRUCTURAL AND PLUMBING CHARACTERISTICS

**Direct access.**—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

**Complete kitchen facilities.**—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

**Year structure built.**—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

**Units in structure.**—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

**Elevator in structure.**—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

**Plumbing facilities.**—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

**Complete bathrooms.**—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

## EQUIPMENT, FUELS, AND APPLIANCES

**Heating equipment.**—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

**Air conditioning.**—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

**Automobiles available.**—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

**Appliances.**—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

**Automatic clothes washing machine.**—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

**Clothes dryer.**—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

**Dishwasher.**—This category includes both built-in and portable dishwashers.

**Home food freezer.**—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

**Owned second home.**—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

## FINANCIAL CHARACTERISTICS

**Value.**—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

**Sales price asked.**—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

**Gross rent.**—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

**Rent asked.**—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

**Value-income ratio.**—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

**Gross rent as percentage of income.**—

The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

**HOUSEHOLD CHARACTERISTICS**

**Head of household.**—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

**Household composition.**—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

**Male head, wife present, no non-relatives.**—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

**Other male head.**—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

**Female head.**—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

**Nonrelative.**—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

**Family or primary individual.**—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

**Income in 1969.**—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

# APPENDIX B—Continued

## FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

<p><b>A. How many living quarters, occupied and vacant, are at this address?</b></p> <p> <input type="radio"/> One  <input type="radio"/> 2 apartments or living quarters  <input type="radio"/> 3 apartments or living quarters  <input type="radio"/> 4 apartments or living quarters  <input type="radio"/> 5 apartments or living quarters  <input type="radio"/> 6 apartments or living quarters  <input type="radio"/> 7 apartments or living quarters  <input type="radio"/> 8 apartments or living quarters  <input type="radio"/> 9 apartments or living quarters  <input type="radio"/> 10 or more apartments or living quarters  <input type="radio"/> This is a mobile home or trailer         </p> <p>• ■ •</p> <p><i>Answer these questions for your living quarters</i></p> <p><b>H1. Is there a telephone on which people in your living quarters can be called?</b></p> <p> <input type="radio"/> Yes — What is the number? _____  <input type="radio"/> No         </p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></p> <p><b>H2. Do you enter your living quarters—</b></p> <p> <input type="radio"/> Directly from the outside or through a common or public hall?  <input type="radio"/> Through someone else's living quarters?         </p> <p><b>H3. Do you have complete kitchen facilities?</b>  <i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No complete kitchen facilities for this household         </p> <p><b>H4. How many rooms do you have in your living quarters?</b>  <i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p> <input type="radio"/> 1 room      <input type="radio"/> 6 rooms  <input type="radio"/> 2 rooms      <input type="radio"/> 7 rooms  <input type="radio"/> 3 rooms      <input type="radio"/> 8 rooms  <input type="radio"/> 4 rooms      <input type="radio"/> 9 rooms or more  <input type="radio"/> 5 rooms         </p> <p><b>H5. Is there hot and cold piped water in this building?</b></p> <p> <input type="radio"/> Yes, hot and cold piped water in this building  <input type="radio"/> No, only cold piped water in this building  <input type="radio"/> No piped water in this building         </p> <p><b>H6. Do you have a flush toilet?</b></p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No flush toilet         </p> <p>■</p> <p><b>H7. Do you have a bathtub or shower?</b></p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No bathtub or shower         </p> <p><b>H8. Is there a basement in this building?</b></p> <p> <input type="radio"/> Yes  <input type="radio"/> No, built on a concrete slab  <input type="radio"/> No, built in another way (include mobile homes and trailers)         </p>	<p><b>H9. Are your living quarters—</b></p> <p> <input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i>  <input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?  <input type="radio"/> Rented for cash rent?  <input type="radio"/> Occupied without payment of cash rent?         </p> <p><b>H10a. Is this building a one-family house?</b></p> <p> <input type="radio"/> Yes, a one-family house  <input type="radio"/> No, a building for 2 or more families or a mobile home or trailer         </p> <p><b>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</b></p> <p> <input type="radio"/> Yes, 10 acres or more  <input type="radio"/> Yes, commercial establishment or medical office  <input type="radio"/> No, none of the above         </p> <p><b>H11. If you live in a one-family house which you own or are buying—</b>  <i>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</i></p> <p> <input type="radio"/> Less than \$5,000  <input type="radio"/> \$5,000 to \$7,499  <input type="radio"/> \$7,500 to \$9,999  <input type="radio"/> \$10,000 to \$12,499  <input type="radio"/> \$12,500 to \$14,999  <input type="radio"/> \$15,000 to \$17,499  <input type="radio"/> \$17,500 to \$19,999  <input type="radio"/> \$20,000 to \$24,999  <input type="radio"/> \$25,000 to \$34,999  <input type="radio"/> \$35,000 to \$49,999  <input type="radio"/> \$50,000 or more         </p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i> </div> <p><b>H12. Answer this question if you pay rent for your living quarters.</b></p> <p><b>a. If rent is paid by the month—</b></p> <p>What is the <u>monthly</u> rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p> <input type="radio"/> Less than \$30  <input type="radio"/> \$30 to \$39  <input type="radio"/> \$40 to \$49  <input type="radio"/> \$50 to \$59  <input type="radio"/> \$60 to \$69  <input type="radio"/> \$70 to \$79  <input type="radio"/> \$80 to \$89  <input type="radio"/> \$90 to \$99  <input type="radio"/> \$100 to \$119  <input type="radio"/> \$120 to \$149  <input type="radio"/> \$150 to \$199  <input type="radio"/> \$200 to \$249  <input type="radio"/> \$250 to \$299  <input type="radio"/> \$300 or more         </p> <p><b>b. If rent is not paid by the month—</b>          What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____          (Nearest dollar) (Week, half-month, year, etc.)</p>	<p style="text-align: center;"><b>FOR CENSUS ENUMERATOR'S USE ONLY</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; text-align: center;">a4. Block number</th> <th style="width: 50%; text-align: center;">a5. Serial number</th> </tr> <tr> <td style="text-align: center;">0 0 0 0</td> <td style="text-align: center;">0 0 0 0</td> </tr> <tr> <td style="text-align: center;">1 0 0 0</td> <td style="text-align: center;">1 0 0 0</td> </tr> <tr> <td style="text-align: center;">2 0 0 0</td> <td style="text-align: center;">2 0 0 0</td> </tr> <tr> <td style="text-align: center;">3 0 0 0</td> <td style="text-align: center;">3 0 0 0</td> </tr> <tr> <td style="text-align: center;">4 0 0 0</td> <td style="text-align: center;">4 0 0 0</td> </tr> <tr> <td style="text-align: center;">5 0 0 0</td> <td style="text-align: center;">5 0 0 0</td> </tr> <tr> <td style="text-align: center;">6 0 0 0</td> <td style="text-align: center;">6 0 0 0</td> </tr> <tr> <td style="text-align: center;">7 0 0 0</td> <td style="text-align: center;">7 0 0 0</td> </tr> <tr> <td style="text-align: center;">8 0 0 0</td> <td style="text-align: center;">8 0 0 0</td> </tr> <tr> <td style="text-align: center;">9 0 0 0</td> <td style="text-align: center;">9 0 0 0</td> </tr> </table> <p><b>B. Type of unit or quarters</b></p> <p><b>Occupied</b></p> <p> <input type="radio"/> First form  <input type="radio"/> Continuation         </p> <p><b>Vacant</b></p> <p> <input type="radio"/> Regular  <input type="radio"/> Usual residence elsewhere         </p> <p><b>Group quarters</b></p> <p> <input type="radio"/> First form  <input type="radio"/> Continuation         </p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p> <p><b>C. Vacancy status</b>  <b>Year round—</b></p> <p> <input type="radio"/> For rent  <input type="radio"/> For sale only  <input type="radio"/> Rented or sold, not occupied  <input type="radio"/> Held for occasional use  <input type="radio"/> Other vacant         </p> <p> <input type="radio"/> Seasonal  <input type="radio"/> Migratory         </p> <p>■</p> <p><b>D. Months vacant</b></p> <p> <input type="radio"/> Less than 1 month  <input type="radio"/> 1 up to 2 months  <input type="radio"/> 2 up to 6 months  <input type="radio"/> 6 up to 12 months  <input type="radio"/> 1 year up to 2 years  <input type="radio"/> 2 years or more         </p> <p>C/O    <input type="radio"/>    <input type="radio"/></p>	a4. Block number	a5. Serial number	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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# APPENDIX B—Continued

## FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

15 and 5  
percent

### H13. Answer question H13 if you pay rent for your living quarters.

In addition to the rent entered in H12, do you also pay for—

#### a. Electricity?

- ☐ Yes, average monthly cost is \$ \_\_\_\_\_ .00  
Average monthly cost  
☐ No, included in rent  
☐ No, electricity not used

#### b. Gas?

- ☐ Yes, average monthly cost is \$ \_\_\_\_\_ .00  
Average monthly cost  
☐ No, included in rent  
☐ No, gas not used

#### c. Water?

- ☐ Yes, yearly cost is \$ \_\_\_\_\_ .00  
Yearly cost  
☐ No, included in rent or no charge

#### d. Oil, coal, kerosene, wood, etc.?

- ☐ Yes, yearly cost is \$ \_\_\_\_\_ .00  
Yearly cost  
☐ No, included in rent  
☐ No, these fuels not used

### H14. How are your living quarters heated?

Fill one circle for the kind of heat you use most.

- ☐ Steam or hot water system  
☐ Central warm air furnace with ducts to the individual rooms, or central heat pump  
☐ Built-in electric units (permanently installed in wall, ceiling, or baseboard)  
☐ Floor, wall, or pipeless furnace  
☐ Room heaters with flue or vent, burning gas, oil, or kerosene  
☐ Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)  
☐ Fireplaces, stoves, or portable room heaters of any kind

In some other way—Describe \_\_\_\_\_

- ☐ None, unit has no heating equipment

### H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.

- ☐ 1969 or 1970 ☐ 1950 to 1959  
☐ 1965 to 1968 ☐ 1940 to 1949  
☐ 1960 to 1964 ☐ 1939 or earlier

### H16. Which best describes this building?

Include all apartments, flats, etc., even if vacant.

- ☐ A one-family house detached from any other house  
☐ A one-family house attached to one or more houses  
☐ A building for 2 families  
☐ A building for 3 or 4 families  
☐ A building for 5 to 9 families  
☐ A building for 10 to 19 families  
☐ A building for 20 to 49 families  
☐ A building for 50 or more families  
☐ A mobile home or trailer

Other—

Describe \_\_\_\_\_

### H17. Is this building—

- ☐ On a city or suburban lot?—Skip to H19  
☐ On a place of less than 10 acres?  
☐ On a place of 10 acres or more?

### H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—

- ☐ Less than \$50 (or None) ☐ \$2,500 to \$4,999  
☐ \$50 to \$249 ☐ \$5,000 to \$9,999  
☐ \$250 to \$2,499 ☐ \$10,000 or more

### H19. Do you get water from—

- ☐ A public system (city water department, etc.) or private company?  
☐ An individual well?  
☐ Some other source (a spring, creek, river, cistern, etc.)?

### H20. Is this building connected to a public sewer?

- ☐ Yes, connected to public sewer  
☐ No, connected to septic tank or cesspool  
☐ No, use other means

### H21. How many bathrooms do you have?

A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.

A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.

- ☐ No bathroom, or only a half bathroom  
☐ 1 complete bathroom  
☐ 1 complete bathroom, plus half bath(s)  
☐ 2 complete bathrooms  
☐ 2 complete bathrooms, plus half bath(s)  
☐ 3 or more complete bathrooms

### H22. Do you have air-conditioning?

- ☐ Yes, 1 individual room unit  
☐ Yes, 2 or more individual room units  
☐ Yes, a central air-conditioning system  
☐ No

### H23. How many passenger automobiles are owned or regularly used by members of your household?

Count company cars kept at home.

- ☐ None  
☐ 1 automobile  
☐ 2 automobiles  
☐ 3 automobiles or more

15  
percent

# APPENDIX B—Continued

## FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters.</p> <p>In addition to the rent entered in H12, do you also pay for—</p> <p><b>a. Electricity?</b></p> <p><input type="radio"/> Yes, average monthly cost is \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <p><b>b. Gas?</b></p> <p><input type="radio"/> Yes, average monthly cost is \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <p><b>c. Water?</b></p> <p><input type="radio"/> Yes, yearly cost is \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p><b>d. Oil, coal, kerosene, wood, etc.?</b></p> <p><input type="radio"/> Yes, yearly cost is \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p> <p><b>H14.</b> How are your living quarters heated?</p> <p>Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe _____</p> <p><input type="radio"/> None, unit has no heating equipment</p> <p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970      <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968      <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964      <input type="radio"/> 1939 or earlier</p> <p><b>H16.</b> Which best describes this building?</p> <p>Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p> <p><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)      <input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$50 to \$249      <input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$250 to \$2,499      <input type="radio"/> \$10,000 or more</p>	<p><b>H24a.</b> How many stories (floors) are in this building?</p> <p><input type="radio"/> 1 to 3 stories</p> <p><input type="radio"/> 4 to 6 stories</p> <p><input type="radio"/> 7 to 12 stories</p> <p><input checked="" type="radio"/> 13 stories or more</p> <p><b>b.</b> If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>H25a.</b> Which fuel is used most for cooking?</p> <p><input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p> <p><b>b.</b> Which fuel is used most for house heating?</p> <p><input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p> <p><b>c.</b> Which fuel is used most for water heating?</p> <p><input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p> <p><b>H26.</b> How many bedrooms do you have?</p> <p>Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom      <input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 1 bedroom      <input checked="" type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 2 bedrooms      <input type="radio"/> 5 bedrooms or more</p> <p><b>H27a.</b> Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <p><b>b.</b> Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input checked="" type="radio"/> No</p> <p><b>c.</b> Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>d.</b> Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>H28a.</b> Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <p><b>b.</b> If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes    <input checked="" type="radio"/> No</p> <p><b>H29.</b> Do you have a battery-operated radio?</p> <p>Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more    <input type="radio"/> No</p> <p><b>H30.</b> Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p>
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15 and 5  
percent

5  
percent

## APPENDIX B—Continued

### FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you **must** go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do **not** have to be in the same room.  
**Also used by another household** means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do **not** count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark **hot water** even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of **Also used by another household**.
- H8. A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a **concrete slab** has no basement and no air or crawl space below it. A house built in **another way** is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.  
**Mark Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.  
**Occupied without payment of cash rent** includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10. A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.  
a. If you pay rent by the month, write in the amount of rent and fill one circle.  
b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.
- H14. This question refers to the type of heating equipment and not to the fuel used.  
**A heat pump** is sometimes known as a **reverse cycle** system.  
**A floor, wall, or pipeless furnace** delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.  
Any heater that you plug into an electric outlet should be counted as a **portable room heater**—not a built-in electric unit.
- H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.  
**Detached** means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17. A **city or suburban lot** is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a **city or suburban lot**.  
**A place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this **residence** is located.
- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20. A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.  
b. Do not count elevators used only for freight.
- H25. **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28. Count any set **equipped** to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

## Appendix C.—ACCURACY OF THE DATA

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### SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper micro-filming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

### SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5-percent sample by designating every fourth 20-percent sample unit as a

member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<b>OCCUPANCY CHARACTERISTICS</b>		<b>EQUIPMENT AND APPLIANCES</b>	
Occupied housing units .....	20	Heating equipment .....	20
Tenure .....	20	Air conditioning .....	15
Race .....	20	Automobiles available .....	15
Spanish heritage .....	15	Second home .....	5
Year moved into unit .....	15	Clothes washing machine .....	5
		Clothes dryer .....	5
		Dishwasher .....	5
		Home food freezer .....	5
<b>VACANCY CHARACTERISTICS</b>		<b>FINANCIAL CHARACTERISTICS</b>	
Vacant for sale .....	20	Value .....	20
Vacant for rent .....	20	Sales price asked .....	20
Duration of vacancy .....	20	Gross rent .....	20
		Rent asked .....	20
<b>UTILIZATION CHARACTERISTICS</b>		Inclusion of utilities .....	20
Number of rooms .....	20	in rent .....	20
Size of household (persons) .....	20	Value-income ratio .....	20
Persons per room .....	20	Gross rent as percentage .....	20
Bedrooms .....	5	of income .....	20
<b>PLUMBING CHARACTERISTICS</b>		<b>HOUSEHOLD CHARACTERISTICS</b>	
Plumbing facilities .....	20	Household composition .....	20
Complete bathrooms .....	15	Income .....	20
<b>STRUCTURAL CHARACTERISTICS</b>			
Complete kitchen .....	20		
Access .....	20		
Units in structure .....	20		
Mobile home or trailer .....	20		
Year structure built .....	20		
Elevator in structure .....	5		

### RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do

not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

#### Group

#### Occupied housing units:

##### STAGE I

##### *Male Head With Own Children Under 18*

- |   |                    |
|---|--------------------|
| 1 | 1-person household |
| 2 | 2-person household |
| 3 | 3-person household |

.

6

6-or-more-person household

##### *Male Head Without Own Children Under 18*

- |      |   |
|------|---|
| 7-12 | 1-person to 6-or-more-person households |
|------|---|

##### *Female Head*

- |       |   |
|-------|---|
| 13-18 | 1-person to 6-or-more-person households |
|-------|---|

##### STAGE II

##### *Owner Occupied*

- |    |           |
|----|-----------|
| 19 | Negro     |
| 20 | Not Negro |

##### *Renter Occupied*

- |    |           |
|----|-----------|
| 21 | Negro     |
| 22 | Not Negro |

#### Vacant housing units:

- |    |                            |
|----|----------------------------|
| 23 | Year-round vacant for sale |
| 24 | Year-round vacant for rent |
| 25 | Other vacant               |

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, con-

sistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20-percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

#### SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than  $2\frac{1}{2}$  times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.

3. For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated  $N/2$ ). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to  $N/2$ . Subtract this standard error from  $N/2$ . Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between  $N/2$  and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to  $N/2$ , cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of  $N/2$  and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

tracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the

values corresponding to these numbers gives the confidence limits for the median.

**TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample**

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated number <sup>1</sup>	Number of housing units in area <sup>2</sup>						
	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50 .....	15	15	15	15	15	15	15
100 .....	20	20	20	20	20	20	20
250 .....	30	30	30	30	30	30	30
500 .....	45	45	45	45	45	45	45
1,000 .....	60	60	65	65	65	65	65
2,500 .....	90	95	100	100	100	100	100
5,000 .....	100	130	140	140	140	140	140
10,000 .....	...	150	190	200	200	200	200
15,000 .....	...	150	230	240	240	240	240
25,000 .....	...	...	270	300	310	310	320
50,000 .....	...	...	320	400	440	440	440
75,000 .....	...	...	270	450	520	540	540
100,000 .....	...	...	...	490	600	620	630

<sup>1</sup> For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

<sup>2</sup> An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

**TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample**

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated percentage	Base of percentage						
	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98 .....	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95 .....	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90 .....	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75 .....	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50 .....	4.5	3.2	2.0	1.0	0.6	0.3	0.2

TABLE D. Factor to be Applied to Standard Errors

Characteristic <sup>1</sup>	Factor if sample rate is—			Characteristic <sup>1</sup>	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>				<b>EQUIPMENT, FUELS, AND APPLIANCES</b>			
Year moved into unit .....	...	1.1	...	Heating equipment .....	0.8	0.9	...
Duration of vacancy .....	0.8	...	1.7	Air conditioning .....	...	1.1	...
				Automobiles available .....	...	1.0	...
<b>UTILIZATION CHARACTERISTICS</b>				Appliances .....	...	...	1.9
Rooms .....	1.0	1.1	2.1				
Size of household (persons) .....	0.5	0.6	1.2	<b>FINANCIAL CHARACTERISTICS</b>			
Persons per room .....	0.4	0.5	0.9	Value .....	1.0	1.1	2.1
Bedrooms .....	...	...	2.1	Value-income ratio .....	1.0	1.2	...
				Gross rent .....	0.9	1.1	2.1
<b>PLUMBING CHARACTERISTICS</b>				Gross rent as percentage of income	1.0	1.2	...
Complete bathrooms .....	...	1.1	...	Sales price asked .....	1.1	...	2.5
Plumbing facilities .....	1.0	...	...	Rent asked .....	1.1	...	2.5
<b>STRUCTURAL CHARACTERISTICS</b>				<b>HOUSEHOLD CHARACTERISTICS</b>			
Units in structure .....	0.8	0.9	1.7	Household composition .....	0.6	0.7	...
Year structure built .....	0.9	1.0	...	Income in 1969 .....	1.0	1.2	2.3
				<b>ALL OTHERS</b> .....	1.0	1.2	2.2

<sup>1</sup>Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

## Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

### Housing Census Reports

#### Volume I.

##### HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

- Series HC(1)-A.  
**GENERAL HOUSING CHARACTERISTICS**

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

- Series HC(1)-B.  
**DETAILED HOUSING CHARACTERISTICS**

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

#### Volume II. METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

#### Volume III.

##### BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

#### Volume IV.

##### COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Cross-tabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

#### Volume V.

##### RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, home-owner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

#### Volume VI.

##### ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "sub-standard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

#### Volume VII.

##### SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

### Population Census Reports

#### Volume I.

##### CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

- Series PC(1)-A.  
**NUMBER OF INHABITANTS.**

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

- Series PC(1)-B.  
**GENERAL POPULATION CHARACTERISTICS**

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

- Series PC(1)-C.  
**GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS**

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

■ Series PC(1)-D.

**DETAILED CHARACTERISTICS**

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

**Volume II.**

**SUBJECT REPORTS**

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

**Joint Population-Housing Reports**

Series PHC(1).

**CENSUS TRACT REPORTS**

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

**GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970**

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

**EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS**

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural poverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

**Additional Reports**

Series PHC(E).

**EVALUATION REPORTS**

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

**PROCEDURAL REPORTS**

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

**Computer Summary Tapes**

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

**First Count**—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

**Second Count**—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

**Third Count**—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

**Fourth Count**—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

**Fifth Count**—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

**Sixth Count**—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

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**Social and Economic Statistics Administration**  
BUREAU OF THE CENSUS  
Washington, D.C. 20233

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<b>1, 11, 19</b>	<b>VALUE</b>
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<b>3, 13, 21</b>	<b>INCOME IN 1969</b>
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<b>4, 14, 22</b>	<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>
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